

140	HCROB09	742220	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:139, and where b is greater than or equal to a + 14.</p>	<p>AI399766, N33170, W81125, AI340265, AI493707, AI084302, AI332758, AA844314, N31479, AW292367, AI189730, AI859908, AI948737, AI767971, AA705987, AI191915, N41400, AI018756, AA565532, N30867, AI745148, AW105295, AI027158, AI144295, AI022551, AI309544, AW269664, W03596, AI090397, R69094, R62166, H01454, N27383, AA621513, N73725, R94744, AI872694, H01545, AI766098, AL045562, AA080893, AA398232, Z41084, T96725, AW007944, AA397773, T71202, R62783, AI597714, AI758208, T77857, F02096, AA305022, R81325, T96614, R62275, AA551281, AA488147, AI198007, W00988, AI972024, R23285, R17669, AI912150, R37498, T77937, AI190624, W15297, AI280919, AI371283, AI474959, N74651, R36502, R23384, T81872, AA318570, W30888, W03896, R81574, AW087832, N44953, R69209, AW081569, AA844599, C20575, D45749</p>
140	HCROB09	742220	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 572 of SEQ ID NO:140, b is an integer of 15 to 586, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:140, and where b is greater than or equal to a + 14.</p>	<p>AA398573, AA393505, AI024045, AA356950, AA309852</p>
141	HFIZP62	744605	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 600 of</p>	<p>AA464640, R50867, R52013, AA291200, AA311694, AA280919, AI915836</p>

142	HRMTK19	744687	<p>SEQ ID NO:141, b is an integer of 15 to 614, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:141, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 560 of SEQ ID NO:142, b is an integer of 15 to 574, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:142, and where b is greater than or equal to a + 14.</p>	AA405898, AA878188, AW029177, AL046524
143	HAGDG84	745368	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1998 of SEQ ID NO:143, b is an integer of 15 to 2012, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:143, and where b is greater than or equal to a + 14.</p>	AI435489, AI168436, AI660093, AI917105, AW170015, R69799, F11334, R67877, F11323, D51015, R69800, R81389, R81390, R34017, AI283968, F08994, F08984, R67878, R33479, T16467, D80391, D80196, D58283, C14429, D80253, D80166, D80195, D51423, D59927, D59619, D80210, D51799, D59859, D80240, D80227, D80212, F13647, D59889, D80188, D81030, D80219, D80269, D80038, D80043, D80193, D50995, D80366, D80022, D59275, D50979, D80045, D80024, T03269, D80378, C75259, D57483, D59502, C14014, D59610, C14331, D59787, D80134, D80241, D59467, D80164, D80168, C14389, D81026, D51060, D80268, D51250, C15076, D58253, D80949, C14227, AW178893, AA305409, D81111, D51022, D51079, AI910186, AW177440, AW179328, AW178775, AW378532, AA285331, AA305578, D80522, AW352158, Z21582, AI905856, D80251, C14407, D59695, AW377671, AW369651, D51097, D80248,



	AW178762, AA514188, AW177501, AW177511, D52291, AI557751, D80133, AA514186, C14298, AW360811, D80132, AW360834, D80064, AW352117, C05695, AW176467, AW375405, AW378540, T11417, D80014, AW366296, AW360844, AW360817, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, AW179220, D80302, AW352171, D80439, AW377676, AW178906, AW352170, AW177731, AW178907, AW179019, AW179024, C06015, D59373, D80247, AW177505, AW360841, AW179020, T02974, AW178909, AW177456, AW179329, AW178980, AW177733, AW378528, AW178908, AW178754, AW179018, D51213, AW352174, AW179004, AW179012, D51103, AW178914, AW378525, D80157, AW177722, AW177728, AW378539, AW179009, D51759, T03116, AW178774, AW178911, AW378543, AW367967, AW352163, AW178983, AW352120, AW178781, T48593, D58246, D80258, AI557774, D59503, AW177723, D59653, D58101, D45260, D59627, C14344, AW177508, AW367950, H67854, AI535850, C14975, AA809122, C03092, AA033512, H67866, AW378533, C14973, AW178986, AI525923, AW177497, AI535686, AI535961, AW177734, AI525917, D59317, D51221, D59474, AI525920, D60010, AA514184, D45273, D59551, C14957, D60214, D50981, AI525227, C14046, AI525235, A62298, A84916, A62300, AJ132110, X67155, A67220, D89785, A78862, A25909, D26022, Y17188, D34614, AR018138, D88547, AR025207, X82626, X68127, AF058696, AR008278, AB012117, AB028859, I82448, A85396, AR066482, A85477, A44171, I19525, A86792, Y12724, X93549, A82595, U87250, A94995, AR060385, AF135125, AB002449, AR008443, A30438, I50126, I50132, I50128, I50133, AR064240, AR066488, AR016514, AR060138, A45456, A26615, AR052274, Y17187, X64588, Y09669, A43192,

144	HCABQ86	747870	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 544 of SEQ ID NO:144, b is an integer of 15 to 558, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:144, and where b is greater than or equal to a + 14.</p>	<p>A43190, AR038669, AR066487, AR066490, AR016691, AR016690, U46128, AR008277, AR008281, AR054175, D88507, I14842, I18367, D50010, A63261, AB033111, AR008408, A70867, Z32749, AR062872, U79457, D13509, A64136, A68321, AR060133, I79511, S69292, U87247, AB023656, AF123263, AR032065, X93535, AR008382</p> <p>AA176247, AI821555, AI709172, AI349468, AW131940, AW195402</p>
145	HSAXE65	750486	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1012 of SEQ ID NO:145, b is an integer of 15 to 1026, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:145, and where b is greater than or equal to a + 14.</p>	<p>W95894, W92445, H73402, H66648, H79359, F12325, H79249, H73806, H16685, Z42683, AC006238</p>
146	HE8OC67	751119	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>D87973</p>

147	HKAHA68	752557	<p>is any integer between 1 to 507 of SEQ ID NO:146, b is an integer of 15 to 521, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:146, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 543 of SEQ ID NO:147, b is an integer of 15 to 557, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:147, and where b is greater than or equal to a + 14.</p>	<p>N36402, AA811768, AA836266, AI133424, AA768296, AA151398, AA774873, Z19310, AA259157</p>
148	HSFAG23	753226	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1009 of SEQ ID NO:148, b is an integer of 15 to 1023, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:148, and where b is greater than or equal to a + 14.</p>	<p>AW001557, AA524870, AI339658, AI339800, AA327382, AA514534, AI269776</p>
149	HDTAT69	754269	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>AA149864, AI357654, AI961366, AI675183, AI889370, AW273165, AW168146, AA584418, AI589351, AW029558, AI857775, AI263196, AI912444, AI093455, AI038044, AA403237, AA868485, AA132514, AA143774, AI096660,</p>

			<p>is any integer between 1 to 1242 of SEQ ID NO:149, b is an integer of 15 to 1256, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:149, and where b is greater than or equal to a + 14.</p>	AA863010, AA149809, AA040076, AA970644, AA968515, N63048, AA862236, AI803252, AA403087, N94962, W00553, AI141244, AA463273, AW130916, AI000066, AW368835, AI753426, AI352466, N89760, AA89151, AA902653, AA113446, AA608719, AA775545, AI351760, AI687276, H46733, AA148126, H18181, AA721625, AI913881, AI288428, R55550, AW268567, H18180, R88113, T03911, AA743071, AA747948, AI033757, F11023, W38703, H46809, AA732342, R88211, N84250, AA782748, T65135, AA040124, AA132496, AA215870, AW390553, R55549, AA856772, N56022, AI908968, AA095812, AI972769, T90207, AA974442, AI401403, T35084, R57099, N85991, AI363784, AA113367, AA247898, AI093093, N83375, AW367693, F04840, AA058562, AA366539, AA525407, F23326, T07346, AA089502, AF103800, AF038554, AL035458, AC005288, AC005207, AC006530, AL049781, AL080243, AC002045, AL132987, AC005209, AP000553, AC005730, AC005778, AC002091, AC005480, AC012627, AL034400, AL031587, AC005365
150	HAICM70	756466	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 684 of SEQ ID NO:150, b is an integer of 15 to 698, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:150, and where b is greater than or equal to a + 14.</p>	AI816748, AI686234, AA417826, AA877961, AI288883, AA236941, AA133636, AA480326, AA234245, AA479344, AA479453, AA253214, AA861992, AW176548, AF099731, AF052693
151	HMC GF70	756538	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	AI192349, AI304873, AA888040, AW069185, AA767282, AI129119, AA564457, AA651742, AI151356, AI249136, AA306542, N30853, AI342251,

			<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1696 of SEQ ID NO:151, b is an integer of 15 to 1710, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:151, and where b is greater than or equal to a + 14.</p>	<p>T89687, AI613047, AA709075, AI377566, AI138627, H98207, AI246780, AI671683, AI750946, AA234672, AI141366, AI038245, AI753162, T78075, AI188242, AI281852, AI924239, AA679585, N27245, AA326652, AI042402, AA548672, H13895, AI424563, R73813, AI292129, AI184704, AA340903, AA639212, AI245186, H02760, AA306802, H81790, F35652, T66298, AI619834, R32631, F28456, AA628076, AA262560, H04930, AA737465, AI377568, C00040, H12487, T95135, AW025092, AA808408, H87526, AA386138, T89510, AI139037, H98679, AA709258, AI654151, AA324831, T28285, AA235332, H81789, H08406, T19515, AA373647, F07467, AA261964, T66351, T78241, AA255669, H98206, H63883, AA331170, AA314503, AA360711, AI721028, AI374635, H04825, R32517, H13847, N41380, T10990, AI269779, AA332805, T82939, AI244832, AA348151, H87527, R73814, D57423, AI001167, AA860156, N59842, T95039, N76369, R15527, AI885217, AA309436, H08411, AI657485, L12535, X63039, D16885, AF001863, AF061744, AR018815, AF102850, AJ243486, U39066, U48696, AF045432</p>
152	HE8EX74	756649	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1107 of SEQ ID NO:152, b is an integer of 15 to 1121, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:152, and where b is greater than or equal to a + 14.</p>	<p>AA127738, AA121513, AA311242, AI677703, AW026428, AW008510, AA447425, AI814406, AI580751, AI339055, AA983399, AI401333, AI817112, AW245108, AW105246, AI093883, AI298530, AW029318, AA845373, AW407802, AI865205, AI220597, AI083507, AI313220, AA447426, AW407228, AI912220, AI762367, AA426005, AI573000, AA292519, AI266083, AI476659, AI925381, AI588997, AI244622, AA425818, AA453846, AI250853, AI972597, AI864526, AA991572, AI023072, AI335774, AI435955, AI005456, AI393226, AI268209, AI817407, AI434983, AI242756, AI927250, AI191800, AA453762, AW408630, AA919089,</p>

153	HACBN11	757213	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 431 of SEQ ID NO:153, b is an integer of 15 to 445, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:153, and where b is greater than or equal to a + 14.</p>	<p>AA648891, N71869, AA235475, AI682742, AI344613, AW408696, AA626837, Z44119, AW439273, AI056491, AW407300, AI587634, T35579, AA810563, F22785, AA524075, AA535025, AW131943, AA948308, AI351270, Z40131, AA292040, AA782897, AA731628, R57128, AW376214, D42043</p> <p>H16895, AA216686, T35768, R67203, Z44909, AA446275, AA309747, R19936, W67169, AI653255, AA349758, AI261658, H30782</p>
154	HTTBS70	757508	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 784 of SEQ ID NO:154, b is an integer of 15 to 798, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:154, and where b is greater than or equal to a + 14.</p>	<p>AI809069, AW273347, AI014561, N40036, AA307364, AA806027, N77149, H64996, AI915158, D31319, AW169084, Y09631</p>
155	HCRNF04	757532	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 386 of</p>	<p>AA669476, AA706499</p>

156	HETIS94	757980	<p>SEQ ID NO:155, b is an integer of 15 to 400, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:155, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1743 of SEQ ID NO:156, b is an integer of 15 to 1757, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:156, and where b is greater than or equal to a + 14.</p>	AA156239, AA056107, AI921810, AA058568, AA047227, AI566496, AI922029, AI802334, AI499277, AI095647, AA620591, AA730643, W56228, AA100609, AA284755, AA446999, C06112, W16868, AA505345, AI524754, W56131, N21599, R63249, C16570, AA285342, C16177, AA775048, H01441, R78721, AI453520, AA115890, H86321, AA548384, N28831, AI609530, H02640, AA327779, H02557, R38215, AA147509, D79927, D79922, D79718, H86258, N90610, AA249324, R38216, AA284754, AA829153, AA829132, AA446881, W31882, R45283, AI831590, AA078073, AA078488, AI439494, AA077958, AA078630, AW069159, AA078242, AA078067, AI500233, R91003, W52493, N24046, AW131608, H27065, AA652558, AA078152, AA078270, AA182866, AW439455, AA689483, R76636, AA077991, N72437, AW162664, AA077989, AA078359, AI887465, AA078254, AA297575, AA075792, AL045179, H84628, AW007566, AI133031, AA078230, T95863, H13732, N54855, W80974, AI890136, W80973, AW243749, N62578, AW022205, AA507857, AL039748, N71013, AA515135, AA020886, AI791916, AI032142, AA078271, AA976232, AA827722, AA516129, AA078071, AI866975, AI610170, AW058517, AA327824, AA078172, AI800016, H25229, AA021479, AA489809, AI160446, AA078379, AI349215, H93010, AA078224, AA928045, N80352, AI026869, AA078672, AI214225, H25470, AI796126, AA077784, AW303539, R69671, AA622795, AA078315, H98093, AI913762, N90370, AI889782, AW297499, AA077755, T92043,
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	AA078390, T23466, AA496937, AA078288, AA579238, AA351686, AI744921, N66537, H85417, H73636, AA632711, AA078573, AA584142, H23775, N52914, N52345, AA618463, AL043224, AW440309, AI086063, AI751629, H19693, AA078044, AA775851, AA229172, AW207151, F16370, H01805, N35489, AA078053, AL134899, AI758738, W44391, H19889, AA078583, AI902812, AA776949, AI376371, U46225, W20391, T58105, AA177053, AA017066, T61583, AA229206, AA574374, AI510841, AI798295, AA574301, AI200790, T79782, AA631921, AI659923, AI990662, AA572844, AI990093, AW160391, W21321, R23452, M79073, AI953141, N23993, R70752, AA558117, H90366, AA504796, AA558059, N63850, N72631, AA565921, AA401570, N67876, AI097558, AA931582, H96864, AA400012, AF035926, AL109758, U48313, U89602, X06328, AL030996, AE000665, AP001136, X15051, X15052, AF001549, AL031230, U54614, M99152, L11048, AC007636, AL137100, Z22773, L21175, AC020663, X66282, Z69838, AC010722, AC006020, AL035494, AP000255, AL021877, AC004478, AL133246, X55221, AF054092, AC008498, Z86062, U91728, I31102, AP000213, AC005007, AP000135, AB008861, X55209, U82390, AC006584, Z98885, AP000031, AF105075, AL078630, L21840, AC006944, X61505, U78090, AC005031, X69857, Z47052, AC007510, X07200, M33196, Z73965, AL050305, U91326, M77199, AP000569, Z95115, AC004968, L21178, M87741, AF130248, M80521, AC005372, AF015262, AC005008, AC010077, X89120, X74204, AC010205, AC002365, I31124, AC004949, D63861, AL121595, U48314, AJ229043, AC006374, X77078, AF081913, Z78021, Z96488, AB031201, AL021918, AF029308, M94329, AC004388, L12553, AC004970, U58836, U56716, AP000065, U84721, AC003690, U62019, L01481, AF084001, M87733,



				<p>M94330, AC007425, AL023806, Z95327, AL080243, Z33997, L11996, Z47049, AC002070, AL117694, X52030, AP000497, AC004834, M14088, AF019987, AC002133, M80358, Z69644, AC002412, AP000365, X56936, Z83819, AJ012322, AF177432, AL008727, U73644, AC004804, Z93942, AC004961, AC004615, AC005351, X99801, AL009048, U52388, AC004796, L24174, Z98950, AC008008, AE000664, K02420, M20245, Z80998, AF000573, X77281, AC007402, K02284, AC002544, U35319, U58890, AB025285, L24188, L22381, AC005880, AF187036, AF187073, Y17967, AL022326, AC005740, AC004946, AC004381, AL121766, U08882, X84364, Z13994, AC005939, AC004655, AC006006, AF002994, Z97055, AC005280, AF019412, AL035659, Y17266, AC008125, AC005409, X65062, Z98750, X77298, AJ230904, M87758, L13869, AC005230, X99946, AF022141, U79992, U97228, AF116519, U10048, X75801, U95742, U26920, AF130642, L19889, AF090382, U06764, U60220, U62950, AC005921, Z97206, AC006924, S57980, Z13993, X55225, AC008064, AE000660, AC004768, X99784, Y17265, AC000368, AF019188, AC005291, AC005482, Z98883, AJ230887, AC003109, U44899, X12967, AB031199, AC005697, AC004931, AL008730, Y08012, AC007880, X52617, X79482, AF035925</p>
157	HDPXJ71	760141	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1231 of SEQ ID NO:157, b is an integer of 15 to 1245, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AW273095, AI694022, AI718835, AA315035, AA703211, AI027889, AW273104, AA768418, N63102, AA350058, AI825299, AA837259, AA948593, AA580938, AI127983, AI243434, AI246451, AA808353, AA357161, AW088887, W23449, AA469116, AI242332, AA761053, AA552320, AW364736, AA876549, H30358, AI624590</p>

158	HRABS72	761491	<p>NO:157, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 365 of SEQ ID NO:158, b is an integer of 15 to 379, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:158, and where b is greater than or equal to a + 14.</p>	<p>AI299422, AI859061, AW408590, AL035079, Z92844</p>
159	HYAAX74	761724	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 460 of SEQ ID NO:159, b is an integer of 15 to 474, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:159, and where b is greater than or equal to a + 14.</p>	<p>AI458058, AL041704, AW058546, H96554, H28982, AI249470, AI698338, AA253175</p>
160	HSKXC19	762027	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1430 of SEQ ID NO:160, b is an integer of 15 to 1444, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI400587, AI243780, W56390, AI806064, AI142808, AW172434, AI652430, AW006585, AI630867, AA429102, AW291113, AI613107, AA034923, H54753, AI688069, AA283157, Z39549, T54735, AA034931, T54649, AI474550, AI031812, H38576, AI221865, H54754, AI342873, AA360836, AW451189, AI933526, AI222207, AA883157, AA759354, AI933671</p>

161	HF6SG75	764179	<p>NO:160, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 435 of SEQ ID NO:161, b is an integer of 15 to 449, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:161, and where b is greater than or equal to a + 14.</p>	Z36247, AI476229	
162	HCYBG95	766961	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 559 of SEQ ID NO:162, b is an integer of 15 to 573, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:162, and where b is greater than or equal to a + 14.</p>	<p>AI114688, AL120677, AL135677, AA305341, T97204, AA381253, H59001, AA723911, AI688128, H86421, AA054385</p>	
163	HCECT76	767593	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1023 of SEQ ID NO:163, b is an integer of 15 to 1037, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AL119252, AL079820, AW377614, AW149774, AA292210, AI580133, AI589844, AA434167, AI375091, AW131263, N24363, R89703, AI186918, H97937, AI140697, AI143637, AI700269, W93631, AI459657, AA100744, AA233192, AA233179, AI023927, AA488457, AI014651, H99249, AI796613, AA026639, N45098, N59526, AI091919, AI275089, AI298148, AA993202, AI375312, N45108, AW008656, N40064, AI088232, N90765, N31662, H99117, AA971514, AA903954, AI282391, N63219, AA134118,</p>	

			NO:163, and where b is greater than or equal to a + 14.	AI814037, AA029496, AA782587, R86157, AA044958, AA018780, AA130301, AA293259, W60295, AI092836, AI680859, AI034325, AI052601, AI336056, AI367667, AA844280, AA035694, R99494, AA947498, AI078308, AI346616, N98943, N64178, AA151965, AA017023, AA639546, AA029736, N72298, N53503, AI688275, AA845613, W60386, AA889303, AI090466, AW022319, AI762715, W77806, T75508, AI494541, AI434120, AA055558, AA781417, W72691, AA985396, H83579, AW023710, AW023785, W02894, N70536, AI695640, AA001997, AI040352, T32402, AA485287, AA494385, AA453171, AA772130, T79848, AI150684, T75475, N26374, H44836, AI275440, N66660, T87575, H48836, AI123884, R70703, AA985586, AW131686, AA531279, AI494543, N27129, W19364, AA017221, AA029569, AA974809, AA035387, AA911176, H48567, T85949, R84349, AI090650, T63793, AI214034, H83965, AI735142, AA253117, AA063564, N36546, T51635, R70702, T63818, AL045846, AA760941, H88284, R78772, AW009564, D51782, AI002045, L44354, AA100726, AI040626, AI735071, H59987, H86690, H86373, AA528625, AA485282, AI005567, AW075223, T32706, H44835, R27489, AI474149, T61468, AI581765, T94396, W92382, AA651735, AA628067, T57709, T92894, R28817, N34015, N64179, AI833165, R25644, N24573, W92326, AI394305, R99493, AA775094, T92984, T29926, T07333, T09187, AI919470, H57859, AI475252, AI955023, AI719373, AA026705, T82286, AA878828, W93582, AA253060, AW176699, AA013356, N87705, AI380018, AA768714, AI905107, AI084847, AA453057, T94484, T51793, H98241, AA633236, AA460771, F07631, F07630, L02897, X91849, X91850
164	HEIBB38	768034	Preferably excluded from the present invention are one or more	D63293, AA370775, AA382203, AI632647, AI908094, AA431366, AC004587

165	HHEMK76	769965	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 907 of SEQ ID NO:164, b is an integer of 15 to 921, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:164, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 451 of SEQ ID NO:165, b is an integer of 15 to 465, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:165, and where b is greater than or equal to a + 14.</p>	<p>AA313182, AA847224, AI377129, AA431023, AI630343, AA759180, AI674714, AA626158, AA736979, AA442623, AA306650, AL096751, X98258</p>
166	HE9PB77	771486	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 738 of SEQ ID NO:166, b is an integer of 15 to 752, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:166, and where b is greater than or equal to a + 14.</p>	<p>AI793362, R22645, H16683, AA488818, R21077, W86902, R21078, AA972862, AA481213, R56916, AL050125</p>
167	HTLDW36	772044	<p>Preferably excluded from the present invention are one or more</p>	<p>AL043787, AL044579, AW043685, AW044660, AI916186, AI672781, AL045426, AA974562,</p>

		<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1617 of SEQ ID NO:167, b is an integer of 15 to 1631, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:167, and where b is greater than or equal to a + 14.</p>	<p>AI970385, AI094398, AI911787, AI277712, AA578667, AW302483, AI695123, AL044580, AI243291, AI564263, AI439366, AI690955, AA227758, AA506328, AI023678, R85494, AI538620, AA456280, R67658, AI378414, W52910, AA970895, AA287136, N51530, AI274732, AA454666, AA714569, AA284707, T65516, AW235194, AA766350, AA968588, AA233317, AA680129, F11905, AW196559, T98754, AA783009, AI203179, AW024063, AI682145, AA768922, AA037353, AI365197, AL046185, T98753, T98587, AI624906, AA470641, AI277711, AW303041, T98586, AI312958, AA935144, N53193, T98397, AA455188, AA454847, R67657, AI478123, AI572787, AI564719, AL120853, AI677796, AI633125, AI560099, AI783504, AI283760, AI637584, AI433157, AI702073, AI249877, AI627988, AI358213, AI610690, AI889376, AI921176, AA225339, AI619502, AI284131, AI476478, H45495, AW149311, AI812107, AI922561, AW151136, AI286256, AI978703, AI499131, AI682971, AI873923, AI802542, AW075667, AA835801, AI569945, AI520785, AI439920, AI925196, AW104724, AW075413, AI499285, AI678428, AL119863, AI583308, AI352497, AW104827, AI445025, AW148408, AI824576, AI174394, AW163823, AI804983, AW192652, AI569583, AI954183, AI816010, AI673710, AW129722, AI783997, AW026882, AI469532, AW087455, AI583065, AI590021, AI499393, AI634682, AI669616, AI580190, AI922089, AI921248, AI500061, AI573032, AI922707, AW193530, AW073270, AW169653, AW168031, AI866801, AL037454, AI863321, AI689175, AI866090, AI274728, AI621362, AI824648, AW087207, AI571909, AI670009, AI582558, AI587114, AI801766, AI921464, AW132056, AI934259,</p>
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	AW117743, AI681985, AW071417, AI934011, AI677646, AI687362, AI648684, AL041772, AI801325, AW130134, AW189301, AW163834, AW051258, AI874166, AI654750, AI888501, AI871697, AI500662, AI343059, AI812080, AI564723, AI654389, AI949960, AI702433, AL079963, AI349933, AI567128, AW268122, AW103886, AI872711, AI348897, AI923768, AI699865, AI347701, AI274785, AW022682, AI446373, AI924911, AW117746, AI611738, AI590134, AI280732, AI590120, AI889306, AI632408, AI680162, AI306613, AI620089, AA449768, AI288305, AW118518, AL040241, AI620003, AI926790, AI886753, AI873644, AI570807, AW168485, AI933589, AI635067, AI923370, F27788, AI432040, AI620284, AI680435, AI445992, AI445990, AI280637, AI611743, AW090700, AW083804, AI866770, AI635478, AI284509, AI609580, AW087938, AI890833, AW073865, AI564426, AW163464, AI520862, AI439087, AI648509, N33175, AI345608, AI678989, AW198090, AI499986, AL080203, AF128544, AF127975, S60080, L09561, U49356, AF127973, AF127974, AF111112, AL050149, I89947, AF090903, I48978, Y14314, A08916, A08913, A08910, A08909, AI2297, AF090934, AL049382, X84990, AL133016, AL133080, I33392, AL117394, AF113694, AL137459, I89931, I49625, AF127972, AL133560, I03321, S61953, AF158248, X65873, AL080159, AL117435, AF061943, AJ000937, I48979, U35846, AL122121, Y16645, AF118094, AL117460, AL050116, AL080137, A08912, AL133565, X96540, AL050024, AF113699, AL133557, AF090901, AL137476, A58524, A58523, AF113689, A93350, AF177401, AL117440, AL050393, AL137550, AL137271, AL050277, AF091084, AL137557, Y11587, AF183393, AF090900, AL050108,

	AL122093, AJ012755, AL110196, AL133113, AF087943, L31396, AF162270, AL110225, AF026816, L31397, AL137463, AF104032, AL080060, AF113019, E03348, AL137478, A77033, A77035, AL049430, AL133640, AL117583, L30117, AR059958, AL133075, A45787, U80742, AL050138, AL110280, X72889, AR038854, AF106862, AF113690, AF113677, E04233, AR000496, AL137560, U39656, Z72491, AL137521, S78214, AF113691, U96683, I09499, AF146568, X93495, AF079765, AL080124, U00763, AB019565, X82434, A65341, E05822, A03736, AJ238278, AL117457, AF125948, AL137556, AL133093, X87582, E07108, AL133072, AL137480, I26207, AL122110, AF003737, L19437, AF067728, U67958, AL110221, Z82022, AF111849, AL133067, AL049452, AL122050, E02349, AL137648, AL137538, AF113013, A07647, AF113676, AF185576, AL137294, AL133606, AJ006417, AF061573, AL122111, AF078844, AL122049, AF118064, I09360, AL049283, AF118070, AF111851, AL122098, AF017152, AL080127, AL096744, U68387, AL133077, S68736, AL133014, AL137527, U72620, AR011880, E08263, E08264, E07361, A93016, AF097996, Y11254, AL049314, U58996, AF026124, AL133568, AF090896, U42766, X70685, AL133098, AL049466, AF017437, AL049938, A18788, AL050172, AF079763, E15569, Y09972, AL049464, AL137533, E02221, X63574, AF057300, AF008439, AF057299, AR038969, AF119337, I42402, AJ242859, AF153205, AL117585, AL133104, AL137526, AL049300, AF090943, Y07905, E08631, AF125949, AL050146, X98834, AL122123, AL133081, E06743, AL080074, U49908, AF210052, AL122118, AL117416, Z37987, I00734, A90832, M30514, AL110197, AF061795, AF151685, AL023657, E00617, E00717, E00778, U78525, I41145, U88966, AF132676, AF061836, U91329, AF067790, T98396



168	HMWHN4 3	772357	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 726 of SEQ ID NO:168, b is an integer of 15 to 740, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:168, and where b is greater than or equal to a + 14.</p>	<p>AI738508, AW269645, AW085307, AI031571, AA313301, N88286, AA807165, AA983918, AA552086</p>
169	HUSIR49	772876	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2024 of SEQ ID NO:169, b is an integer of 15 to 2038, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:169, and where b is greater than or equal to a + 14.</p>	<p>AI884614, AW340047, AW005124, AI684508, AI160377, AA443134, AA024474, AA729971, AI813730, AI167595, AA729837, AA128713, H48052, AA742644, AW403406, AA293164, AW269665, W55869, AA305630, AA334276, AA293280, W48571, AW204727, AA128594, AW380176, AI889219, AA357001, AI274940, W56297, AA465411, H48053, H70779, AA854038, AA736647, AA024475, AA465342, AI633699, AA694263, AI078372, AW401877, AA226003, AA587901, AA226055, AW172815, AA158771, H70778</p>
170	HE9HY44	774019	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 508 of SEQ ID NO:170, b is an integer of 15 to 522, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:170, and where b is greater than or equal to a + 14.</p>	<p>AA313266, AA778721, AW163161, AA315935, AW403205, AA312059, AA125949, AA373169, H06542, F13274, N31289, T77300, AA135017, W38328, AA056157, AA405935, AI905071, AA759329, AW392317, AA047840, AI148049, T78059, W04596, AA143149, AA053980, T18978, AA233629, N31083, N56489, AI024387, AA079574, AI905101, AA018173, AR044461, AF061739</p>

171	HTTEL19	774244	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1652 of SEQ ID NO:171, b is an integer of 15 to 1666, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:171, and where b is greater than or equal to a + 14.</p>	AA769605, AA725629, AI573233, AI207712, AI926564, AI741825, AA769307, AI743757, N50042, AI040827, N26613, N39026, AA478121, AA037476, AI190688, AI125851, AW014584, AA460383, N35458, AI361075, AI040255, AW273759, AI797498, AI274933, AA287174, AI473963, AI610608, W79421, AW148514, AA011183, AI434631, AA588744, AW189046, AA815047, AI671119, AA532558, AI707655, N39701, AI581854, AI651892, N24667, AI199704, AI291795, AI268953, AW243737, AA811982, AI807309, AW271638, AA290731, H43355, AI433382, AI143017, AI580052, AW362474, AW362475, AI537177, AI292173, AI784622, D20098, H18539, W22366, AA522656, AA137084, W79321, AI278409, AW371914, AW371838, AI472897, H18431, AA460321, AA136975, R60129, AA036895, AA363951, AA641342, AW371942, AW438812, AA720630, AW383572, T94791, R48168, AI940703, AW405065, AA873593, AA290732, AA010754, T15824, Z41193, AA478120, AA307484, AI675917, AI203080, AA092129, AA037558, R31227, AA385115, T94040, AI917319, N54700, AA879178, AA209206, AW371898, AA352849, R48169, AI784195, AA343582, AI801731, AI369549, R31189, F01683, AA353583, N84404, H01883, AI986085, AA311601, C14389, D80212, D80045, D81030, D59927, AI249478, D80391, D59787, D80196, D59619, D80210, D80240, D80022, D80219, D80166, D59859, D59502, D81026, C15076, C14331, D80268, D80195, D58283, D80164, D59467, D51423, D51799, D59275, D80253, D80043, D80227, D80193, D80248, D50995, D80133, D51022, D80269, D80366, AA305409, D80188, D80522, C14014, AA305578, D80038, D57483, D50979, D59889, AA514186, AA514188, AW360811, AW366296, D80157, AW177440, D80439, D80251, AW178893, T03269, AW377671, AW375405, D80302, AI699906, D80247,
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172	HMCFS02	774516	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 424 of SEQ ID NO:172, b is an integer of 15 to 438, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:172, and where b is greater than or equal to a + 14.</p>	<p>AW360817, AW179328, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, AW177731, AW178906, AW378532, AW179020, AW377676, AW352171, AW352170, AW178907, D80132, AW178762, AW178908, AW179019, AW179024, C06015, AW177733, AW378528, AJ243666, A84916, A62300, A62298, AB028859, AJ132110, AR018138, AR008278, AF058696, A67220, A82595, X67155, AR060385, Y17188, D26022, Y12724, A25909, AB002449, D89785, A78862, D34614, A94995, AR008443, I50126, I50132, I50128, I50133, D88547, I14842, X82626, AR066488, AR016514, AR060138, A45456, A26615, AR052274, AR054175, Y17187, A43192, A43190, AR038669, AR025207, Y09669, AR066487, A30438, A63261, AR008277, AR008281, I18367, AR062872, A70867, D50010, AR016691, AR016690, U46128, AB012117, AR008408, D13509, I79511, X64588, A64136, A68321, A85396, D88507, AR066482, X68127, A44171, A85477, I19525, A86792, AR060133, X93549</p> <p>AA465115, C06235, T10782</p>
173	HDTBY31	775355	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AW069166, W73247, AW338990, AI743646, AI798679, W72937, AA195131, AI826715, AL040676, AI858109, AW339097, AI858524, AI925532, AI720571, AI240302, AW365135, AW365134, AI751527,</p>

		<p>the general formula of a-b, where a is any integer between 1 to 2497 of SEQ ID NO:173, b is an integer of 15 to 2511, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:173, and where b is greater than or equal to a + 14.</p>	<p>AI814748, AW070577, AW182753, AA989355, AW069756, AI754287, AI422979, AI624140, AW069022, AA525181, AW361759, AW069454, AI753947, AI679733, AW069069, AI888821, AI801298, AI626043, AI982806, AW068366, AA600048, AI521569, AI801015, AI471993, AI971816, AI753124, AL048166, AA873789, AI081401, AI087361, AI311467, AA121145, AI077712, AI355594, AI356670, AI300881, AW191963, AI281324, AA873156, AI004219, AI421675, W90778, AI635123, AI159941, AI022368, AA062957, AI950026, AI814880, AA478018, AI753138, AI189685, AI445222, AI223234, AA534826, W45394, AA121476, N66424, AW239275, W46960, AI925026, N37087, AI952591, AI306636, W46993, AA569557, AW139833, AW117889, AA026215, AA076063, AA888963, AW069613, N73740, AA558975, AI453725, AL047816, AW068210, AI753921, AI073645, AA342989, AA579170, AI935835, AI445293, AA972051, AI475993, AA524984, AA043908, AA808425, AI251813, AI090202, N71242, AI280828, AI368782, R70995, AA527960, AA622122, AI633208, AA525036, N94555, AI446651, N25769, W46881, N22201, AA553369, AI752460, AA573642, AA291477, N99903, AW440535, AW068044, AI926777, AA669921, AA703064, N21537, AA044414, AI751996, AA579540, AA664451, H82382, AA478174, H95047, AW023948, N67873, AI251465, N30442, AA807935, AA370271, W46961, AI865615, N95439, AA758273, AA447737, H09543, AA318217, F07712, AI752632, H08973, AI273006, H85516, AA937506, AI287781, H97881, C16555, H89615, AI085180, AI127972, AW067908, R36359, AA564048, AW079187, R99241, AA864676, C16400, H20896, AW192979, AI707501, AI589944, D79947, N42334, AA661674, H16712, AA665817, AA318304, H85367, N66864, AA234043,</p>
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				AA295620, AA731072, R63433, H96450, AA453669, T28113, AA344709, AA318444, AA375983, H16713, AA652809, R73973, AI910289, C16089, AW029046, AI370492, AA897183, C16471, AA437143, AA318438, AW028413, AA318448, N20953, AA363555, R78964, H20846, C16487, D58348, AI524662, R63380, C15861, AI537935, AA852352, AA384678, AA506512, AA853189, AI868152, C16255, F13661, AA932002, AA770090, AI524674, AA234044, C16306, AI619654, R24137, AA384738, N29477, R24081, AA318523, AI572513, R21522, AA295997, AW189997, AA426421, AI806799, AW008486, AW385583, AI075624, N42354, AA384736, H84715, T68396, AW238584, C16202, AA318213, AA318309, M64110, AJ223812, M83216, L37147, L37206, AR001262, AR001263, D90453, D90452, E05381, U18419, AR001257, AR001258, AR001259, AR001260, AR001261, AR001256, AR066494, A85203, AL133053, AL133074, AL133049, T49285, T61774, T68350, T94414, T69842, T81078, R01216, R05674, R21626, R23745, R23797, R24753, R32662, R45484, R45484, R70942, H82276, AA026678, AA042828
174	HUSXPI5	775367	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 216 of SEQ ID NO:174, b is an integer of 15 to 230, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:174, and where b is greater than or equal to a + 14.</p>	N95475, AI955115, AI219597, AI125960, AI679011, AI535864, AI754065, AI087078, AI150409, AI744052, AL048450, AA502147, AI601262, AW262502, AA912928, AW028363, AA602232, AA603513, AW169428, AW169674, AA983193, AA214412, AI685774, AI675871, AI381677, AI264508, AW148508, AI919344, AI264494, AI879859, R54833, W74586, AI720265, AA911955, AA470880, AA129963, AI370278, H75791, AA628270, AI683731, AA176239, AA564183, AI685785, N27116, R63181, N22930, AI809737, AI192813, AA351561, R74566, AA640918, AI864745, AA302826, AA182813, AI218201, N66895, AA055653, AA495790, Z41516, AI015929, W76422, AA479099, AI304656, AI028724,

	AA968673, AI269332, AA426243, AI742469, AW172355, AI417578, AI926491, R35211, AI924505, AI829669, R48268, R32004, AI080308, AW148777, R70797, AW070245, R64127, AW007358, AI608627, AA533226, H02296, AA700183, AA808550, H25713, D58771, R09133, AW021554, H88508, AA878590, AI954194, AW205672, R49874, H88963, AI659199, AA758287, H21941, R82275, AW023338, AI491842, AI521012, AI335208, AI569583, AW080766, AW026882, AI433157, AI702073, AI359586, AI633125, AI815232, AW193236, R36271, AL036980, AI961589, AI969655, AI863382, AI538885, AL045500, AI525669, AI648454, AW079409, AL079963, AI267162, AA470491, AL047100, AI468872, AW169671, AI612885, AI269636, AI590830, AI640729, AI802542, AI812107, AI677796, AI619502, AI950729, AI590630, AI620284, AI611738, AI954183, AA505148, AI862144, AI538829, AW161579, AL120853, AW051258, AI567993, AI801793, AI312428, AI874261, AI340603, AW080327, AA761557, AL043293, AI697137, AA420722, AW132056, AI284517, AI537677, AI564719, AI249946, AI926790, AL135517, AI866751, AL036403, AL135022, AI890833, AI873604, AL120676, AI344935, AI554343, AW081036, AI590043, AL048656, AW088903, AI862139, AI559296, AL119791, AI612913, AI280637, AI334445, AI637584, N99088, AI539771, AL037454, AI699865, AW302965, AI358701, AW104724, AI364788, AI269205, AI609375, AI648509, AI524671, AI890907, AI349598, AI445611, AI934259, AI345180, AI610402, AI536638, AW268083, AI254731, AW150453, AW104827, AI445025, AW198090, AI679174, AW269098, AI568855, AW020693, AW163823, AW268251, AI432969,

	AI923989, AA806720, AI871697, AI590227, AI284084, AI537187, AI690813, AI536685, AI538259, AI889376, AI625079, AI500659, AW148363, AW073865, AI440239, AI635461, AI445432, AI566670, AW151136, AW268768, AI801325, AI500523, AI635942, AI207454, AI687728, AL119863, AI567128, AI872423, AI349645, AI500706, AF100931, I89947, AL137459, E12747, AL133113, AJ000937, Z82206, A08916, AF153205, I48978, AC004383, AF113699, AL117460, AL133080, AL137557, AL133560, AF090934, AL137550, AL035458, AL050116, AF158248, AL137656, AL122093, AF106862, Z37987, AL137537, A08913, AF113677, L04504, Y10655, AL117649, AF118094, AL050309, AF113019, AF177401, AI2297, AL035407, AC004837, AR029490, AC006501, I89931, AF030513, AF113690, I33392, AL050172, I49625, AR011880, A08912, AL122110, A08910, A77033, A77035, E02349, AF090903, AF146568, I48979, X82434, A08909, D16301, AL096744, X65873, U42766, AL122123, AC006112, AC006288, Y16645, AL117583, AF159615, AR038854, U00763, AL049430, AL137558, AF097996, AL133081, AF090896, AF061795, AF151685, AL137488, AF090901, AL117435, AL133606, AL137548, S78214, A58524, A58523, AF091084, AF113691, AF104032, Z99495, S36676, AF106827, AL049452, AL122100, AL117457, A08908, Y07905, AL133112, S76508, AF126247, A65341, AL122050, AL133640, AL137271, Z82022, AF183393, AL133075, AL050149, AF125949, I66342, A03736, AJ012755, I68732, AF146191, AL080124, AL080074, AF028823, AF017437, Y11254, AL137478, AL110196, AL110221, AL137523, AL137533, E07361, AF078844, AC007172, AF118070, AC009233, AB007812, A93350, AL117394, AF113694, AF090943, AF215669, E06743, AF090900, A07647, U78525,

175	HSAWS31	775791	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1177 of SEQ ID NO:175, b is an integer of 15 to 1191, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:175, and where b is greater than or equal to a + 14.</p>	<p>X63574, AF182215, AI8777, X70685, AL133016, AL133665, AL050155, AR034821, U35846, D83032, I89934, AL137283, AR000496, L40363, AL137530, U39656, I03321, AR059958, X84990, M27260, AL023657, AL050146, AL110225, S68736, AF139986, AL137480, AF115410, AL050024, AF111851, AL117585, E07108, AL080140, AL137294, AJ005690, AF008439, AL050277, A08907, Y10936, AL049466, AF017152, AL050108, AL096720, AF102578, AL122121, AL137479, AF113013</p>
176	HE8OV83	777319	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1485 of SEQ ID NO:176, b is an integer of 15 to 1499, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:176, and where b is greater than or equal to a + 14.</p>	<p>AA974462, W06885, AI554054, AI684706, AI925476, AI139276, AA780720, AA421817, AI625251, AA280928, H13578, AI570340, W27519, AW440430, R28365, H13212, AI926915, R28571, AA345215, AI758440, AI358593, AA205773, AA360987</p>
177	HL3AD81	778434	<p>Preferably excluded from the present invention are one or more</p>	<p>AI870660, AA808901, AI972389, AI560392, AA648525, AA410623, AI887956, C17747, AI803966, AI073418, AI002965, AI567718, AI628683, AI458763, AI690239, AA935641, AA854436, AA767208, AA233576, AA564455, R64020, AA884861, AI446057, AI049625, AA247796, AA761155, AA971459, AA831116, AA505194, Z25000, AA235683, AA831355, AW023246, AA322476, R63929, AA653539, AA249729, AA747661, AA912822, AA314637, U78045</p>
			<p>Preferably excluded from the present invention are one or more</p>	<p>AI935726, AI936909, AI862304, N94360, F24963, F34120, AI928571, H14292, AW451717, AI652961,</p>



			<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1524 of SEQ ID NO:177, b is an integer of 15 to 1538, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:177, and where b is greater than or equal to a + 14.</p>	<p>F32857, AW295265, F35709, AI651009, F33806, AI989576, H55067, R87210, Y10487, U66243, X79483, I15074, AL022328, Y13439</p>
178	HHERQ03	778583	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 882 of SEQ ID NO:178, b is an integer of 15 to 896, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:178, and where b is greater than or equal to a + 14.</p>	<p>AI904506, AI240194, AA576870, AA815311, AW295198, AW444473, AA968435, AW449497, AW341239, AW262665, AI796246, AI968266, AC005280</p>
179	HTXF140	779480	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 554 of SEQ ID NO:179, b is an integer of 15 to 568, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:179, and where b is greater than or equal to a + 14.</p>	<p>AI285867</p>
180	HBIMB82	779588	<p>Preferably excluded from the present invention are one or more</p>	<p>AI207716, AI122603, AI147230, AW043960, AI769142, N49598, AA516171, AI889520, AA670030,</p>

		<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 414 of SEQ ID NO:180, b is an integer of 15 to 428, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:180, and where b is greater than or equal to a + 14.</p>	<p>AI935133, AA487916, AI160077, AI143592, AI139135, T40460, AA984874, AI745497, T69719, AA101410, AI110691, AW150375, AA810208, AA219042, AW073349, AI880736, AA244041, AI137994, AI560839, AA453533, H80924, AL038637, T52554, R40201, AA332099, W23732, AA331913, AC007283, AC004025, AC004106, AL035427, AC003065, AC005033, AC006543, AC005015, AC006544, AC007207, AC007690, AC005081, AC004918, AL121757, AC003081, AC002456, AC007090, AP000013, Z80361, AF001549, AP000156, Z84814, AL031294, AJ006995, AC004928, AL121748, AC002453, AP000154, Z83826, AF015262, AC011504, AJ229043, AC003085, AC009248, AE000659, AC008040, AC005740, AP000014, AL023655, AC005908, AL121718, AJ006996, Z95326, Z83819, AF113169, AC006582, AC004076, AC002367, AC011604, AC004852, AC006350, AC011592, AL021706, AL022239, AC006210, AF003625, AC006355, AC005279, AB020863, AC005962, AC004925, AC002452, AC007773, AC007364, AL122126, AL031224, AF067844, AL021329, AF023461, AC008273, AC007486, AL009172, AC005859, AF035396, AC004910, AL023876, AC004883, AC005042, AC004605, AC002288, AF172277, AL021069, AC005150, AC007567, AC007436, AC004522, AC005266, AL049591, AC003086, Z83820, Z84488, AC003666, AC006379, AC008127, AC002519, AF152365, AC005881, AF001550, AC005234, AC005022, AC003046, AL023755, AC007023, AC004240, AL031000, AC005723, AC000403, AC000056, AC007056, AC006516, AL035555, AC018633, AP000161, AP000019, AC004699, AC006313, AF042091, AL031430, AC006559, AL034377, AF002997, AL109847, AC005873, AC009411, Z98753, AC006101,</p>
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181	HTTEW79	781085	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2887 of SEQ ID NO:181, b is an integer of 15 to 2901, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:181, and where b is greater than or equal to a + 14.</p>	AC005906, AL022727, AF152363, AJ239322, AL035687 AL134724, AL134723, AA143026, AA193300, AW152356, W60898, AA143059, AA150499, AI084072, AW054888, AI935155, AW007543, AI986179, AL135538, AA284068, W61050, AI857721, AW009766, AI830145, AA150977, AW190129, AA833823, N40688, AI377038, AW449002, AW088353, AI829982, AA847169, AW379371, AA428918, AI218694, AA468807, AI129353, AI184525, AI379211, H97572, N27928, AI934898, AI307200, AA136954, AI128809, AA352003, AA143177, AA431873, AA450156, AA136861, H97614, W72306, AA156703, AI750062, AA706407, W76362, AA554767, H70845, T03747, AA450096, AA194243, AI654580, AI278743, AI039607, H14973, AI061299, AW451121, AW176706, AA733104, AW452446, AI031667, AI359421, AW150939, AI869544, AI200267, AI471924, AW008863, AI222650, R38628, AW198108, T65062, H79969, AA365623, AA431872, AA887775, T65100, AW079115, AA721306, AA367476, AI803848, AI282703, F12010, AW403361, AI246010, AI289994, AA470395, AA737617, AA284124, T80508, AI245744, AA465596, F10546, T34885, AW057997, F12947, H00830, AA336566, N67194, F09656, T75183, AA358794, Z38698, H79970, AA344657, C04809, AA809420, D55047, AA371887, N49243, AA317124, AA379985, AI003470, AA331865, T08539, AA769725, R38850, AA357508, AI375333, AA100013, AW374451, T16848, AA337355, AA112980, AW374492, AA295202, C20735, T16847, N67216, N87904, AA588223, AA873643, AA889852, AA829832, N71226, AI557264, N71729, AI541393, AF055029, A84916 AW291264, AA836143, AI805923, AW074136, AI436039, AW131096, AI376780, AI219649, AA718961, AI342604, AI740640, AW088161, H00467, H01112, C05897, AI016011, AW044539, AI273481,
182	HLJB183	781286	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	

			<p>the general formula of a-b, where a is any integer between 1 to 276 of SEQ ID NO:182, b is an integer of 15 to 290, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:182, and where b is greater than or equal to a + 14.</p>	<p>C05667, F00411, F27321, H13518, AL119457, AL119399, AL119324, AL042544, AL119443, AW392670, AL119484, AL134902, AL119464, AL119418, AL119355, AL119439, AW372827, AL119319, AL119363, U46349, AL119483, Z99396, AW384394, U46341, AL119444, AW363220, AL119497, U46351, AL119391, U46350, U46347, AL119341, AL043029, AL134538, AL119522, AL119396, U46346, AL119335, AL042542, AL037205, AL119401, AL043033, AL119496, AL134531, AL042984, AL042965, AL134525, AL134536, U46345, AL042614, AI142132, AL043019, AL043011, AL042450, AL042975, AL043003, AL042551, AB026436, AR060234, AR066494, AR054110, A81671, AR069079</p>
183	HSAWU83	781366	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 627 of SEQ ID NO:183, b is an integer of 15 to 641, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:183, and where b is greater than or equal to a + 14.</p>	<p>AA191695, AI650501, N95399, W85901, AA180481, AI494399, AA985645, R51322, AA255524, AA085271, AA553546, Z39640, AA406127, AA405228, T73014, F01472, AL031668</p>
184	HADFW62	781376	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 508 of SEQ ID NO:184, b is an integer of 15 to 522, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA192481, AW304932, R50904, AI475447, AL046510, R17624</p>

185	HSNAK79	781832	NO:184, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 721 of SEQ ID NO:185, b is an integer of 15 to 735, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:185, and where b is greater than or equal to a + 14.	AI818497, AI002556, AI373738, AA058589, AI587277, H89124, AI369073, R59724, Z40583, T17339, AA112636, AA746250, AA885276, AI357396, N58617, AF146191
186	HSUBX87	782276	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 771 of SEQ ID NO:186, b is an integer of 15 to 785, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:186, and where b is greater than or equal to a + 14.	AI863484, AW130380, AI658693, AI569266, N24376, AI651336, H96205, AW197748, AA431932, AA033944, AA443720, R06046, AI632470, H96741, H99128, AA085003, AA677132, H99280, R05942, AI015460, AA033943, T25869, AW374046, AI183539, AB032969
187	HATEF13	782358	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1665 of SEQ ID NO:187, b is an integer of 15 to 1679, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	AI809005, AL135712, AA961822, AI936383, AW241448, AW296283, AW241505, N80207, AW195211, AI807109, AW299231, AA459127, AW241601, AI203172, AA458908, AI801133, H67242, W38497, AL135711, AI522215, AI671270, AW440083

188	HEBFR23	783413	<p>NO:187, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 766 of SEQ ID NO:188, b is an integer of 15 to 780, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:188, and where b is greater than or equal to a + 14.</p>	<p>AI033685, AI918037, AI870713, AW194348, AI080484, AI022736, AI871158, AI660990, AI332851, AW248627, N32804, AA757635, AA453750, AW249066, AI369806, AI278347, AA514626, AI277968, AA453832, AA865377, AI832170, AA603746, AI417380, AI961506, AI016836, AI078744, AA808330, AI093505, AA580357, W19958, AA603747, AI206003, W19186, AA834351, AA743531, AI832453, H58751, AI832659, N91367, AI352516, AW450338, H93684, AI128559, AA863382, AA531595, H93683, AA879282, AA662244, AI333368, AI695482, AA378035, F24646, AI186570, AA904957, AA364107, AI873412, W38771, W25317, N42248, AA249564, AW370236, AI718817, AA094564, N93167, AA594808, AI143536, T82155, U95006, U95007</p>
189	HARMP12	783668	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 519 of SEQ ID NO:189, b is an integer of 15 to 533, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:189, and where b is greater than or equal to a + 14.</p>	<p>AW139061, AI343267, X52140</p>
190	HJMBT13	783677	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 588 of SEQ ID NO:190, b is an integer of</p>	<p>AI817861, AI985492, AA489125, C06279, W47216, AA992488, AI001022, AA489029, AA370533, AI077469, T10549, T18546, AI951758, AA625215, AW439612, AI539397, AI040171, AI634967, AA532362, AI741864, AA909571, AA855006, AL048534, AI090919</p>

191	HEAAK74	785087	<p>15 to 602, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:190, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 844 of SEQ ID NO:191, b is an integer of 15 to 858, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:191, and where b is greater than or equal to a + 14.</p>	<p>AW294092, AI971219, AA131239, AA031734, AI125943, AW130883, AI478335, AA663946, AA769749, AI253107, AA782027, AI633949, AI953738, D62865, AA742672, H01201, AI270256, R40247, D62925, D79833, AA037415, D79915, AA663274, F00427, AA437054, AI925303, AL134524, AL045328, AA564698, AL038838, AL037343, AL037436, AL038983, AL037335, AI142134, AL037323, AL044125, AL040193, AL044162, AL037443, AL041347, AL043538, AL037727, AL043496, AL038532, AL040621, AL038822, AL037435, AL047012, AL041324, AL038761, AL043941, AL042898, AL041238, AL04186, AL040617, AL040463, AL043923, AL043814, AL047170, AL040464, AL044037, AL043845, AL041296, AL047219, AL047183, AL041635, AL040625, AL040294, AL045684, AL040576, AL044064, AL041086, AL041098, AL041459, AL041752, AL041577, AL045753, AL042135, AL040510, AL043467, AL043677, AL040839, AL046850, AL043492, AL041602, AL040052, AL040768, AL040444, AL044074, AL041246, AL046994, AL041730, AL041523, AL043627, AL046914, AL041374, AL040472, AL043848, AL043570, AL041955, AL041133, AL046442, AL041233, AL040322, AL134110, AL041096, AL041163, AL037295, AL045671, AL040119, AL039316, AL047163, AL038745, AL040075, AL046392, AL047057, AL044272, AL039643, AL044258, AL041168, AL041159, AL042096, AL041358, AL045920, AL045327, AL040148,</p>
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	AL049018, AL041346, AL041292, AL040458, AL044187, AL040149, AL041142, AL045990, AL040332, AL040571, AL041197, AL040529, AL044199, AL037341, AL047036, AL046330, AL039338, AL079878, AL040745, AL040370, AL040128, AL044274, AL040553, AL040342, AL041277, AL041186, AL039744, AL045817, AL040414, AL040155, AL040285, AL040091, AL044165, AL041131, AL039432, AL040090, AI547295, AL041051, AL040168, AL043444, AL043775, AL040253, AL041227, AL045857, AL040082, AL044201, AL040329, AL046327, AL038878, D29033, AL041278, AL038651, AL040263, AL040255, AL041140, AL048677, AL045725, T18597, AL040238, AL079852, AL045989, AL039915, U46344, AL043612, AL047037, AL044529, AL041210, AI318479, AL135012, AA585453, AA585439, AI541205, AL049069, AL039360, AI557731, AL041344, AI525556, AL045494, AL042523, AI557808, AI557262, AI541510, AI557602, AL042420, R29218, R28895, AA283326, AL037279, T10982, AL038024, AL045891, AL042519, AI525500, R28892, AL045326, AA585329, AL048714, AI557238, AL048657, AI535813, AA174170, R28965, AL042655, R45895, AL042741, D59436, R28735, R29445, AL047340, AI557082, R29177, AA585476, T11028, AI541509, AA585101, T23957, T23985, AC007543, AR066494, AJ238010, AR064707, A93923, D17247, A93931, A93916, A58524, A58523, AJ244007, A93016, AL133053, AL122101, A85203, I62368, A22738, AF082186, A86792, AL133074, E13740, AL133049, AL133082, I03331, I08389, Z32836, AR051957, I05558, I66495, I66494, I60241, I60242, I66498, I66497, I66496, I66486, I66487, I15718, I15717, A20699, E00696, E00697, E03813, I66482, AR009151, I66485, I66483, I66484,



			<p>AR038066, AR027099, AR063812, M28262, AC005913, A06631, AF149828, D50010, AR031566, A85395, A70872, A85476, D13509, AB025273, E03627, I48927, AJ244003, AJ244004, AJ244005, A35536, A35537, A90655, A02135, A04663, A02136, A04664, Y16359, D13316, I44681, I84553, X81969, I84554, E17098, I00682, S60422, I01995, X83865, I19525, A11245, A02712, A02710, E12615, AR035193, A92133, A84772, A98767, E14304, A77094, A77095, A11623, E00609, A11624, A07700, A13392, A13393, AR031488, I13521, A20702, A84776, A81878, A84773, A84775, I52048, A93963, A93964, A27396, AR062872, I63120, AR062871, AR017907, A84774, AR043601, I25027, A95117, A43189, A95051, A18053, I06859, AR027100, I49890, AR062873, I44531, A11178, E01007, I28266, A43188, AR067731, A20700, A18050, AR037157, AR054109, A23334, A75888, I70384, A60212, A60209, A60210, A64973, AR067732, A60111, A60211, A23633, I21869, AR007512, I26929, I13349, A25909, I44515, A10361, I26928, A98420, A98423, I26930, I26927, A98432, A98436, A58522, A91965, A98417, A98427, A24783, I44516, A24782, A70040, A91750, E16678, A82653, I08051, E16636, D78345, AJ230935, AR038855, Y14219, I08396, AR051651, AR051652, I08395, AJ230972, AR022273, I03669, I03668, AJ231028, I18895, AJ230902, AJ231009, AJ230845, I05845, AR023813, A22734, AJ230951, AJ230867, AR051865, AL133076, AL133068, AR008429, I36244, AR051864, AJ230996</p>
192	HAMGI86	785328	<p>AW294706, N23047, N28711, N23224, AA039977, AA287636, AA286793, AW136370, AI362850, AA382819, AW409954, AA312796, AI565859, AA312800, AA382325, AI240475, AA229436, AA324312, U35117, U75488, A67520, U18422, S79780, I40386, AL080206, A67526</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 653 of</p>

193	HDPCN86	785465	SEQ ID NO:192, b is an integer of 15 to 667, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:192, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 523 of SEQ ID NO:193, b is an integer of 15 to 537, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:193, and where b is greater than or equal to a + 14.	N86828, AI913557, U47924
194	HMCGR90	788626	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 386 of SEQ ID NO:194, b is an integer of 15 to 400, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:194, and where b is greater than or equal to a + 14.	W28621, Z45756, R17112, AI221755, AA095670, AB028639, AJ012475, AB028640
195	HHBFM33	788838	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 417 of	AI439141, AI476247, AW090328, AW292568, AW292569, AI985420, AW362223, AA401849, AA305047, AA598733, AA993611, AA730336, H91898

196	HSLFI09	789286	SEQ ID NO:195, b is an integer of 15 to 431, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:195, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 403 of SEQ ID NO:196, b is an integer of 15 to 417, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:196, and where b is greater than or equal to a + 14.	AA295472, U45880
197	HFIAX76	789419	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 720 of SEQ ID NO:197, b is an integer of 15 to 734, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:197, and where b is greater than or equal to a + 14.	AI493872, AA731632, AA631190, N95410, AA969060, N51634, AA928925, AA992162, AA417039, AI383145, D19652, AA417160, AI291891, AA342340, T18573, AI986226, AI620852, AA427729, AI431965, AI620893, AI289909, AI221751, R49694, AI423215, AI969461, AA331421, AA831856, AA027116, AW148890, AI954148, AA827764, AI150339, R41827, AW136010, AA910582, W45218, AI016353, AA159932, AA569372, AI361956, AI682845, AI355883, AI423360, AA192384, T62635, AA729714
198	HLICN93	789631	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 592 of	AL047346, AI480171, AI089981, AI744455, AI951617, AI589882, AA582852, AI963822, AI890922, AA554358, AI972192, AA564368, AA677069, AI191449, AI346608, AI872387, AA558411, AI685531, AI445001, AI680107, AA114170, AI309902, AW054975, N68490, AI469072,

			SEQ ID NO:198, b is an integer of 15 to 606, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:198, and where b is greater than or equal to a + 14.	AA875829, AI222753, AI185020, AA555056, C75212, AA528668, AI279358, AA610229, AI340311, AI565029, AI978702, AI570924, AI653642, AA995096, AI564449, AI683219, AI126926, AI674857, AW173472, AA916403, AI921157, AW058292, AA612629, AA577418, AA100365, N74536, AI813877, AA227442, AI535922, AI886028, AI309963, AI040135, AW103709, AA738137, AA158698, W86276, AA588332, N70214, AI933812, W28115, AW074396, AA887444, AI992376, AI499448, D58003, AW130467, AA613484, AA864851, AI377397, D45479, AI868742, T27693, AI368094, AI962925, F17756, AW245386, AA203313, AW150314, AI475230, AI567070, AI707666, AI016710, AW087851, AA522626, N94544, AI858284, AA558953, AA554219, AA490991, AI269808, AI872522, AL042382, AW182873, N44202, AW148542, AW172891, W68405, N72978, AA065232, AA714661, W4811, W84874, AW152281, AW075838, AA617785, AW193039, N91334, D58218, AA133106, AA059060, R36527, AI926020, AA468561, AA745949, T86824, AA865589, AI566637, AI828353, AI570885, AA099415, AA299841, AA099409, AW189618, AI270206, AI678404, W84873, AI583091, W26919, AA988554, AI160653, N31791, AI908603, W25912, AA126074, AA367650, AA026484, AI368100, AA772689, AI133166, AW023629, L28010, AB022209, D16869
199	HCFBES1	789872	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 359 of SEQ ID NO:199, b is an integer of 15 to 373, where both a and b correspond to the positions of	AA283156

200	HFEAU63	790190	nucleotide residues shown in SEQ ID NO:199, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3638 of SEQ ID NO:200, b is an integer of 15 to 3652, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:200, and where b is greater than or equal to a + 14.	Y10260, AJ000097, AJ000098, U61110, Y10263
201	HAFBC92	790547	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 537 of SEQ ID NO:201, b is an integer of 15 to 551, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:201, and where b is greater than or equal to a + 14.	AW137677, AW274817, AW203971, AA293668, AW140143, AW184019, AI970870, AI017173, AI018332, AI805270, AI369454, AI277010, AW134617, AI091828, AI819704, AA535795, AI299005, AI992316, AW027943, AA477763, AI589653, AA746502, AI479965, AI802000, AA526926, AI436232, AW207230, AA428226, AI630822, AI670914, AW149488, AA745853, AW135764, AI277002, AA398529, AA831623, AA291745, AI825634, AW137882, AI186872, AI247557, AA706959, AA836598, H97046, AI972605, AW139897, AA281084, N95248, AI301258, AA293000, AI423842, AW237546, AW195354, AW207800, AA044180, AI468330, AW138405, AW393486, AI559377, AI333133, AF007887, AI468159, AA447010, AI221290, AA304437, AA724268, AA429429, AI492167, AI217837, AA737067, AI306689, AW137327, AA044365, AI468865, AA961190, AI039390, AA715307, AI364788, F26535, AL045500, AA809974, AI440263, AI866465, AI371228, AI872423, AI538764, AI859991,

	AW022102, AI805769, AI620284, AI433157, AI554821, AW151136, AI539771, AI537677, AI494201, AI269862, AI538342, AI500659, AI815232, AI801325, AI500523, AI445990, AW193134, AI582932, AI923989, AI284517, AI500706, AI445237, AI491776, AW151138, AI521560, AI889189, AI500662, AW172723, AI284509, AI889168, AI866573, AI633493, AI434256, AI888661, AI284513, AI888118, AI436429, AI889147, AI440252, AL047422, AI689420, AI866786, AI860003, AI610557, AI433037, AI887499, AL046463, AI354998, AW269097, AW022682, AW105601, AI890907, AA641818, AI336495, AI950664, AW162194, AI254226, AI309443, AL039086, AI699011, AW083804, AA761557, AW059828, AW191003, AL036980, AI923046, AI371251, AL048375, AL036638, AI251830, AI345347, AI344817, AI538850, AI909696, AA748353, AW088903, AW151714, AW167918, AW129230, AI670009, AL119791, AA572758, AL048656, AI343037, AW082113, AW075084, AI866608, AI874166, AI349598, AI288285, AI890806, AW087445, AI589267, AI365256, AW129916, AI923509, AI866510, AW238730, AW079736, AI499986, AI611728, AI648567, AI371265, AI343091, AI866469, AW071349, AA493647, AI307736, AL043981, AI174394, AL121270, AI335426, AI348777, AI439443, AL040241, AI349256, AL039276, AI312152, AI064830, AI567582, AI273179, AW268072, AI434242, AW168946, AL110402, AA508692, AI349937, AW073697, AA613907, AW074869, AI307543, AI334884, AW169604, AW071412, AW117882, AI624543, AI282355, AI307708, AL045163, AI336513, AL041150, AI312325, AL036631, AI242736,

	AL042745, AI340659, AI690748, AI348895, AI499285, AL042628, AI340604, AI310575, AI335363, AI340627, AI334930, AI340519, AI307520, AI355779, AI805688, AI285419, AI340533, AL036904, D78255, AC007041, AF113013, I33392, AL122049, A08916, I89947, I48978, A08913, E03348, A08910, A08909, U58996, AL049300, X93495, AL133072, A58524, A58523, I89931, I49625, AR038854, AF119337, AF114818, AF113690, AL117583, M86826, AF026816, AF113689, L19437, AL110221, AF016271, A03736, AL122110, A65341, AL133080, AF051325, AR059958, AL133077, AF057300, AF057299, A08912, E07361, AF079763, AL133568, AL117457, I66342, AR011880, AJ242859, AF183393, A07647, AL117394, AF118064, AL050024, AF118070, AL049466, AF113699, X70685, U00763, AL049452, AL117435, A93350, Y09972, AL137294, X98834, AF017437, AL133093, AL049283, AR000496, U39656, AL049314, A08908, AF106657, AF003737, AL8777, AL117460, E08631, AL137273, AL050092, AL133606, AF061943, AF078844, AF090934, AF111851, AF113676, AF113677, AF175903, I26207, AF090943, AL133098, AL110225, U80742, X63574, X72889, AF113019, AL137557, Y11254, I48979, AL137271, AL133081, I03321, Z82022, AL050116, AL122045, AF125948, X65873, U91329, AJ012755, AF081195, AL080124, AL080060, AL137429, AL137526, AR038969, X72387, AL133640, L30117, AL117585, AF026124, U87620, AJ003118, AL050108, AF090896, AL133113, U35846, S78214, AF113691, AL122123, I89934, AL137283, Y16645, Y11587, AL122050, Z72491, AL110197, AL137648, AF162270, AL080234, AL133016, AF158248, AL050146, AL122093, AL133031, AL110280, S77771, A93016, AF091084, AL080074, AF118094, AF097996, AL137459, AJ238278, X92070, AL080127, U96683,

202	HE9SD26	791155	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 651 of SEQ ID NO:202, b is an integer of 15 to 665, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:202, and where b is greater than or equal to a + 14.</p>	<p>AF090903, AL137550, AL050393, E15569, U42766, AF061573, X96540, U49908, AL133560, AL049464, AF100931, I96214, AR034830, AL110196, AL049430, L13297, A90832, U68233, I92592, E07108, U68387, A12297, Y07905, AL050138, AF079765, X53587, I00734, S61953, AF113694, AL050277, AL137556, X82434, AL133645, AL137560, AL049382, M30514, U66274, AF125949, L31396, E00617, E00717, E00778, AL133014, AF146568, AL137521, L31397, AF008439, AF104032, AL137463, AB019565, AL133104, AL133637, AF126247, I09360, AF067728, AL137478, AJ000937, A77033, A77035, AF087943, E02349, I42402, AF153205, AL137538, AF111849, AF090900, AL096744, AL137533, AF177401, AF185576, AR054984, AF090901, AL133565, E02221, AL137480, AL137292, AF106862, M92439, AL137476, U88966, E08263, E08264, S76508, X81464, AL133067, E04233, AF132676, AF118090, AF061836, AL122111, AL117440, AJ006417, X87582, I46765, X84990, AL133557</p>
203	HFIZG43	791220	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AI766169, AI632576, AI625866, AI949137, AI376933, AA599093, AI812013, W60205, AA428120, AI376850, N22352, N92196, AA633596, AA724103, AA729302, AA804535, N64468, N71844, AI598109,</p>



204	HDPUX67	791749	<p>the general formula of a-b, where a is any integer between 1 to 2088 of SEQ ID NO:203, b is an integer of 15 to 2102, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:203, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 269 of SEQ ID NO:204, b is an integer of 15 to 283, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:204, and where b is greater than or equal to a + 14.</p>	<p>AA098879, R61261, AI636307, AA428121, W25102, N93244, N59455, AW387240, AA464513, W60206, AA129820, AI352082, AA742332, AA129819, AA723850, AI955390, AW001648, AW196374, AA293868, AI334838, AA102067, R50977, AA354966, N29492, H99149, N20078, N27969, AA548064, AI424253, AI610440, N67250, AA888624, AW196016, R86941, AA398292, AA1255924</p> <p>AI382215</p>
205	HVAAA93	792034	<p>the general formula of a-b, where a is any integer between 1 to 2088 of SEQ ID NO:203, b is an integer of 15 to 2102, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:203, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 411 of SEQ ID NO:205, b is an integer of 15 to 425, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:205, and where b is greater than or equal to a + 14.</p>	<p>T97660, AI673260, AI056242, R37764, AI912461, R61552, AI076354, AA452577, AI039530, AA608628, AI075913, AA496666, AA557347, AI469551, F10309, AI990064, AA846119, H56124, AI652652, AW189840, AI498569, AI582012, R45257, AI686983, AL042944, AL046466, AI927233, AA715307, AA809974, AL037640, AI590043, AI887163, AW051088, AA761557, AI621341, AI698391, AA748353, AI364788, AA916133, AW169784, AI866465, AA425228, AI434255, AW162194, AI799674, AI581033, AI560873, AI064830, AI355277, AI624293, AI889189, AI797538, AI345688, AA641818, AW161156, AI434969, AI540674, AI285439, AA279795, AI473150, AI479577, AI274507, AI888208, AI475371, AI432644, AI354998, AL121270, AI800473, AI434731,</p>

	AI289791, AI628015, AW084056, AI691088, AW080746, AI798456, AI800159, AL045413, AI583032, AI371243, AI582966, AI699823, AL045500, AI610446, AI690620, AI241901, AI434741, AW020425, AI866503, AA464646, AW089275, AI366922, AI537677, AL120254, AI433157, AI702073, AI273189, AI273179, AA502794, AL039716, AI095003, AW148354, AI499890, AW088560, AI274495, AW161202, AI633125, AI567953, AL121365, AL046944, AL043152, AI538564, AI915291, AW152182, AI281757, AW151283, AL118781, AI114703, AI932949, AI473536, AW044029, AI561356, N99088, AW022584, AI538055, AI884318, AI565172, AI638644, AI801793, AI269862, AA580663, AL047675, AI648567, AI524654, AI690946, AI554821, AI249389, AI612750, AI683173, AI401697, AW151136, AI866469, AI539771, AI245008, AI446046, AI270295, AI471282, AI582932, AI923509, AI500061, AI494201, AI440238, AL042515, AI866770, AI866581, AI500659, AW131999, W74529, AW152550, AA862606, AL040011, AI589428, AI815232, AI801325, AI282346, AI500523, AW087445, AI500714, AI538850, AL121328, AI887775, AI612913, AI872423, AI923989, AI284517, AI623941, AI500706, AI570056, AI452560, AI491776, AI445237, AI274811, AW151138, AI524179, AI521560, AW075382, AI287449, AI500662, AI890907, AW172723, AI284509, AI539800, AI582912, AI802695, AI538885, AI889168, AI440263, AA648402, AI866573, AI633493, AL036638, AI434256, AL036673, AI805769, AI434242, AL045349, AI251221, AI553645, AI888661, AI284513, AI702065, AI888118, AI866090, AI859991, AI436429, AI355779,

	AI889147, AI623736, AW238688, AI371228, AI491710, AI431307, AI440252, AI690813, AL047422, AI866786, AI500514, AI860003, AI610557, AW104141, AI433037, AI242736, AW020397, AI890507, AI471429, AW023351, AI828574, AI887499, AI446495, AW151979, AA579618, AI539781, AW167083, AW129722, AI539707, AI537643, AL110402, AI885949, AL046562, AI909696, AI285419, AC004148, I48978, A76335, I89947, AL133637, I32738, AF026816, AF090900, I33392, AL133049, AF087943, I03321, AL137533, A65341, AR038854, S36676, AL117457, AL049324, AF026124, AF177401, AL049347, AL122049, A08913, I48979, AL137537, A08912, L19437, S76508, Y11254, AL137530, AL080154, AF111849, AL137529, A08916, Y16645, AF065135, S68736, AL133072, AL137292, AJ005690, Z97214, E06743, AF158248, A08910, AL049339, A77033, A77035, A08909, AF061795, AF151685, AF199027, I29004, U75932, AF113019, AL137478, AF111851, A08908, AF061573, AR068753, U55017, X67688, AF004162, AL080139, Y09972, AL023657, AL133665, AC004200, AB016226, X82434, X66871, AJ000937, A18777, I89931, AR034821, AL137479, A58524, A58523, A57389, A86558, AF067728, I49625, AF126488, AF180525, AL110218, Y11587, AF069506, Z13966, AL117416, S77771, I89934, A65340, AL133558, X79812, AL122050, AL137271, AL137574, A91160, AL110221, A07647, AL050155, AL133619, L04504, X72889, E12747, AL080118, A15345, AL122110, AL133080, X80340, AL117626, AL133081, AF047716, AL110158, I09499, AL096744, AL137550, AL133077, D16301, AL050092, AL050170, AF113677, A08907, AF000496, AL133640, U39656, AF141289, AF176651, AL122100, AL137558, AF102578, I68732, I00734, AL133560, AF113694, AL136884, AL049996,

				<p>AF017437, A83556, U58996, E00617, E00717, E00778, AL096720, AF090901, U35846, AL137480, AF106862, AJ012755, AL117648, AL050277, AF082526, AL049283, U95114, AL049430, X63162, AL080110, X72387, AL122098, AL080140, AF162270, X66417, AF175903, AL080074, AR029490, AF094480, AF117657, AL137665, AL110280, AR011880, X63410, A08911, AF090934, S63521, AL080159, AL117587, Y10936, Z82022, AF200464, AF017152, AL137711, AF090903, A58545, AF061981, AF185576, U78525, AL122093, AL080148, Y07905, AF032666, AF008439, AL133112, AF081195, D83032, E07361, AF111112, I89944, AF028823, AL050278, AF183393, AF205861, AJ003118, AF030513, AL122121, M92439, A21103, AR013797, X66862, E05822, AL049314, AF115392, L30117, AF031147, AF079763, AL080162, Y14314, AL122045, AL133568, AF146568, AL137488, AL050393, AL117435, AL137641, AB008792, AL110222, AB008791, U88966, AF002985, AF100781, Y10823, AF210052, X52128, AF153205, U86379, AL133016, AF125948, AL117440, AL137547, AF106657, A12297, E01614, E13364, A03736, AF057300, AF057299, AC008014, AL137476, AL137657, AL049938, E02349, AJ238278</p>
206	HAMFQ15	792557	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 469 of SEQ ID NO:206, b is an integer of 15 to 483, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:206, and where b is greater than or equal to a + 14.</p>	<p>AL119375, AL119472, AA056147, AI903199, AA476853, AA381656, Z22148, AR035811, AB004066, AR035828</p>

207	HADCW71	792624	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 962 of SEQ ID NO:207, b is an integer of 15 to 976, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:207, and where b is greater than or equal to a + 14.</p>	<p>AL046980, AI270202, AW303936, AL044220, AA016290, D60018, H38828, R85735, T55567, AA305433, AI635396, AI886195, AA355716, AI673338, T55646, AA939176, AI652370, AA614253, AA170839, AI367235, AI858608, AI493321, AA167778, X85133, AR048215</p>
208	HCHMB04	793437	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 646 of SEQ ID NO:208, b is an integer of 15 to 660, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:208, and where b is greater than or equal to a + 14.</p>	<p>AA429231, AW249217, AA115832, AA315785, Z42191, AA534535, T08490, AI952945, AA336855, R35842, AI656317</p>
209	HLQAX49	795184	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 500 of SEQ ID NO:209, b is an integer of 15 to 514, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:209, and where b is greater than or equal to a + 14.</p>	<p>AA242944, AA923126, N41959, AI582562, AL135257, AI269406, N72044, AW241758, N34003, AW027441, AW015898, AA229606, AI335831, AA156768, AA133285, AA807798</p>

210	HMAJP26	795744	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 159 of SEQ ID NO:210, b is an integer of 15 to 173, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:210, and where b is greater than or equal to a + 14.</p>	AI952367, AA197003, AA074137, AA565088, AA654675, AI626122, AI064920, AA523250, AA523501, AI985025, AA565778, AI371227, AA553751, AI039890, AA781040, AA878796, AL037193, AA602771, AI803821, AA742486, AI557234, AW129087, AI536063, AA601423, AI654020, AI969468, AI472401, AA991485, AW058305, AA807408, AA533029, AA854497, AA574195, AI281580, AI951405, AI270628, AI863838, AI521000, AI636135, AI698986, AA284626, AA602750, AA578770, AI886113, AI699232, AA516221, AI286320, AA192946, AI635447, AI860015, AA502690, AA541607, AA593931, AA983244, AI679202, AA086056, AI002276, AA583094, AA069405, AA580156, AA577587, AA133652, AI216986, AI207550, AW190269, AA888621, AI355488, AI446558, AI581106, AI476024, AI866928, AA826995, AI270513, AA575936, AI673543, AA192700, AA576109, AA156110, AA781261, AA827450, AA178912, AI281569, AA554018, AA642989, AA804880, AA876479, AA112977, AA483044, AA970568, AI537350, AI862726, AI537070, AA862087, AW238229, AW238675, AI472518, AI832650, AA640141, AA665191, AI439260, AA864406, AA121138, AI954469, AA469303, AI570297, AI183721, AA194294, AI521036, AA644700, AI446723, AI672710, AI961292, AI799675, AA528100, AA829541, AI133326, AI683500, AA150001, AI564363, AI453492, AI521105, AA526003, AI521003, AI446679, AI525612, AA149995, AW088997, AI625480, AW189368, AI525835, AI805347, AA575882, AI832660, AA829550, AL038783, AI888702, AI859687, AW073984, AW118343, AA531484, AW128966, AI914794, AA978220, AA494282,
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			AA961805, AA177134, AI439068, AA157012, AA211716, AI680523, AI708075, AI299907, AW029101, AW081141, AI635597, AI628841, AI859301, AA192743, AA654056, AI925459, AA179406, AI564222, AI445670, AI301463, AI819457, AW190308, AW072645, AI698489, AI281418, AI832662, AI887279, AI688877, AI949078, AI557278, AI683406, AA489846, AI567683, AW439015, AA081059, AW148498, AL036584, AI691046, AI538341, AI735056, AA937273, AA134093, AI475156, AI572055, AA467743, AI857239, AA534247, AI689510, AI475226, AA610657, AI066782, AA128377, AW263901, AA662051, AI222627, AI805501, AA467859, AI720138, AL047719, AI570266, AI955704, AI864117, AA583943, AI801302, AI499505, AA888674, AI869123, AA541421, AI572976, AA134919, AI282783, AA635318, AW008289, AW148304, AI500441, AW276757, AA844636, AW193943, AA502736, AI800867, AA844419, AI932453, AI932973, AW440125, AI539086, AA652263, AW167785, AW192398, AI887530, AA467784, AI471514, AA642884, AW440114, AW008319, AI811181, AI689613, AI570248, AI357743, AW129283, AI888059, AW073693, AI620672, AA469167, AI433478, AW073236, AA888299, X55654, AF004339, M25171, X62996, V00662, J01415, X93334, X15759, D38112, AF134583, AF035429, U12690, U12691, U12693, I27366, U12694, D38113, X93335, U12706, M58009, U12705, U12697, U12704, M25424, X73306, Z63649, Z57093, Z57092, Z63650
211	HBJEA52	796023	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by

		<p>the general formula of a-b, where a is any integer between 1 to 1507 of SEQ ID NO:211, b is an integer of 15 to 1521, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:211, and where b is greater than or equal to a + 14.</p>	AA026926, AW275606, AI159905, AI499570, AI648699, AW082532, AI282652, AW118508, AI801807, AW020381, AW055252, AW050725, AI865942, AI860885, AI564716, R20540, AA838230, AA761557, AI688848, AI299903, AI538885, AA826958, AA807677, AW130362, AA729782, AI799244, AI471909, AW194014, AI634223, AW151974, AW080652, AI608711, AI886355, AW162189, AI627714, AW130309, AI702019, AW411235, AI784214, AI285439, AI611728, AW020419, AW075921, AI690663, AW118382, AI334893, AI628284, AI134840, AI567625, AI538085, AI560806, AI493740, AI860027, AA760655, AW410696, AI421662, AI364135, AW103628, AW131952, AW090768, AW020095, AI586931, AI690813, AI471517, AI553926, AI925680, AW193524, AA746607, AA853213, AA420722, AW118448, AI699020, AW409813, AL042193, AA127565, AI570384, AW411351, AI364639, AI758272, AW090093, AI357830, AI445131, AW148303, AW020455, AW411043, AI583578, AW023846, AI678357, AA100772, AW411265, AA420758, AI688894, AW410902, AI571699, AW265004, AI312428, AL036652, AW089405, AI923989, AW148639, AI926593, AI633307, AI453339, AW129456, AI250646, AI889256, AI933992, AL040011, AW238688, AI683492, AI241741, AW166937, AW410969, F27438, AI859644, AI880111, AI567971, AI421085, AL035847, AI859840, AW151132, AW151456, AA954134, AI951076, AI472487, AI241678, AW130804, AW023884, AW090238, AI307446, AW151475, W33163, AW131994, AI680467, AI344819, AI241884, AW071380, AW020693, AI610671, AI478723, AA853539, AW411363, AI476086, AW089275, AI687614, AA969375, AW059828,
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	AW088521, AI802542, AA427700, AI422855, AI610426, AI097410, AI097084, AI283322, AI582483, AI537187, AI348995, AI419650, AC006101, E12579, S69510, Y18678, AC009501, AF038847, AR050959, AJ004832, U92992, E12580, AF047716, M64936, AL133619, AL117432, U02475, AR053103, A26498, X99971, U57352, Y14634, AF081197, AF081195, X66417, I29004, A18777, I66342, X57961, AF185614, AL122045, AR068466, E12747, AF054289, Y11254, S68736, AF137367, AR034821, AF040723, A08910, A93016, A08909, AF111845, Z13966, I89947, AF100931, AR068753, AF044221, AF124728, AL110228, AL133085, X72889, AR038854, AC005156, AL137298, U42766, X99226, AF161413, AR068751, AF118064, A08913, Z37987, A08912, A08911, AL137463, AF065135, A76337, A76335, I92592, A91160, AL133075, U72621, E16086, AF079763, S76508, AF008439, AC002471, AC005374, AF013214, AF017437, AL137283, AR005195, J00983, X61399, AF089818, AF132676, AL049423, S73498, AF061836, U37359, X54971, AL137658, AF004162, A08916, AF030513, AL080074, AL049276, AF081571, AF111112, U96074, A92311, AL137526, AF118094, U67082, X75295, AJ242859, AF102578, U51587, AL122123, AF107018, A32826, A30330, A32827, A30331, AL080086, AL117438, AF093119, X52128, AL137281, AL133047, AF081825, AL110269, M79462, AL049452, AR011880, M84133, AB031064, X80340, AJ238278, AF043493, X78627, U80742, E01614, E13364, M92439, L24896, M19658, AR020905, Y08864, X70514, A45787, AF044323, AL080126, A12297, AL050092, AF038440, AL110280, AL049465, AL133069, AF097996, E04233, AF141289, E01812, U31501, I48978, U72620, X06146, L49056, AL137478, AF000167, AB026995, AL050172, S59519, AL050116, AL080147, Y07915, AF085809, AF000218,

212	HPSNE17	796181	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1861 of SEQ ID NO:212, b is an integer of 15 to 1875, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:212, and where b is greater than or equal to a + 14.</p>	<p>AF167995, AL080124, X63410, AF078844, X61049  AI907194, AI907195, AL120707, AI907022,  AW188115, AW268965, AI697605, AI798864, N51959,  AI679129, AA579823, AI127108, AA883477,  AW029511, AW007075, AA099718, N94550, AI015649,  AW009557, AA972225, AI695125, AI569231,  AI907189, AW118927, AA099719, C21110, AA968453,  AW204283, AW204279, AW374477, N79637, AI870931,  AI991955, AI217002, AW071937, W46669, AI800485,  AI567512, W22777, AI267966, AA609463, AA904028,  H97972, AW085512, N40284, AA733160, AI360759,  AA017136, AW150268, AW402048, N24663, W20464,  H51545, AA872277, AI073733, AA844339, W02812,  R19607, AW022058, AI216280, T32938, N42294,  AA026800, AI074742, Z22007, AI679703, T36078,  AA730171, AI198370, H25794, H81979, AA385040,  W46476, AA768932, N73318, AW374971, AW374185,  R97863, AI475104, AI982821, R97813, W30842,  T27056, W05020, H59174, AI630651, AA706863,  AI962117, AA724291, R08142, AA758766, AA724527,  AA760653, N31762, W02379, AA470875, AI418803,  N55648, AA357701, AW374495, N58012, AW118690,  D53178, W32716, AW264453, AW051015, AA019807,  AL043211, N53797, AI783974, N35454, AA040237,  R94398, AI092624, AI572522, AI540464, N64213,  AA091925, AI907192, AI907021, AI203084,  AC006454, U28727, A84916</p>
213	HTECB93	797079	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1903 of SEQ ID NO:213, b is an integer of 15 to 1917, where both a and b correspond to the positions of</p>	<p>AW297953, AI636734, AA279919, AA102737,  AI732911, AI572680, AA904211, AA846923,  AI889579, AI797998, AA602906, AI271762, H54252,  R70883, AI744830, H53284, AA633424, AI280266,  T40388, AA995373, AI049845, AI925869, AA115863,  AA347969, AA622801, AI271985, AL047349,  AA368155, AI190247, AA425924, AI190648,  AA568314, AA610433, AW023111, AI627168, FI7700,  AI690750, AA302971, AA315361, AI912401, R93919,</p>

			<p>nucleotide residues shown in SEQ ID NO:213, and where b is greater than or equal to a + 14.</p> <p>AA122307, AA635150, AW419389, H53546, AI049630, AI479068, AI281622, AA410788, AA486277, AI354333, AW089950, AA228778, AA827904, AA721998, AA173342, H85808, AL119028, AA825954, AI311779, AI808930, AI054339, N54538, AI342786, AI300413, T41134, T61476, R06030, AA584765, AW068020, AI858889, H51835, R83402, AI749306, AI340151, AI271766, H49253, AA877992, T93109, F35674, AA481970, AA021429, AI742168, AI539009, AI434686, AC006050, AC005060, AC004962, AL049856, Z82244, AC005486, AL022393, AF064858, AL034549, AC005972, AL121658, AC004985, AC006482, AC009044, AC007073, AL008629, Z99291, AL049767, AL078581, AJ243213, U78027, AC007363, U85195, AF002223, AC006236, AC010200, AC005539, AL035422, AL136168, AL031728, AL031671, Z99758, AL049712, AF030453, AP000014, Z99716, AL122023, AF196779, AC005088, Z97054, AC007637, AC002369, AL117330, AL021155, AL033527, Z82201, AC007541, AL096791, AC007436, AC004921, AC002385, AP000569, AL109627, AL049779, AC006006, AL049643, AE000658, AC005777, AC005245, AL135744, AC003110, AC003692, AC005695, Z98750, AC006314, AC006360, AF069074, AC006441, AL133163, AP000359, AL049776, AC006515, AC006511, AL030995, AL049875, AC007371, AC004019, AP000516, AC002477, AC007376, Z68277, U91319, AC007052, AC005158, AF196971, AC008064, AJ010598, AC006270, AL035417, AC007676, AC005763, AL023876, AP000065, AC004522, AP000212, AP000134, U47924, AC008372, AC002416, Z98036, AL022578, AC005822, AC003687, AP000506, AF217403, AC004150, AL032821, AC002527, AL031673, Z98742, AC005043, AL035460, AP000131, AP000209, AL050318, AL009050, AC006582, AC005344, AC004849, AL034402, AC004263,</p>
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			<p>AF070718, AC004041, AC006057, AC003013, AC004814, AB000882, AC005670, AC008124, AC003109, AL023804, AC005520, AC006544, AJ246003, AC009501, AC003101, AC000353, AC004662, AC003982, AC004984, AF045555, AF017104, D86992, U80017, AC004605, AL009181, AC016831, AC005399, AC006254, AL109952, AC003029, I34294, AL008725, Z83844, AC002295, AC005971, AC006505, AP000049, AC010170, D88270, AC004752, AC005015, AC008126, AL117258, AL132774, AL035659, AC006210, AC006121, U82828, AP000317, AC002400, AP000119, AP000051, AP000166, AL034417, AP000558, Z69920, AP000311, AC005255, Z92546, AL117354, AC005823, AC004998, AC005901, AC005011, AL117338, AL096763, AL031681, U68061, AC006312, AC004491, AC005484, AC003093, AC006211, AP000692, AC005514, AC008012, AL050308, AL008718, U07561, AC007066, AL031228, AP000514, AC005081, AC007687, AL035413, AC005412, AC004895, Z83826, AC005212, AC002349, AC006139, AP000116, AP000152, AC005913, AL031594, Z83840, AL031782, AC002496, AF111168, AL049611, AC009516, AC007450, AL050333, AF109907, AC006120, AL049733, AL035588, AL121754, AL078463, AC005969, AC005146, AC006960, AP000356, AC004242, AC002996, AL096775, Y07848</p>
214	HCBF25	797477	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1530 of SEQ ID NO:214, b is an integer of 15 to 1544, where both a and b correspond to the positions of</p> <p>H71711, AA305066, AI334443, AI284640, AA490183, AL138455, AL046409, AW303196, AW301350, AI270117, AA521399, AL037683, AA521323, AL041690, AW072923, AA491284, AW274349, AI133164, AI305766, AI613280, AA908687, AI431303, AW274346, AL046205, AL044940, AA720702, AW193265, H72277, AI110770, AI963720, AI732865, AA244357, AA581903, AW265385, AI076616, AA623002, AI281881, AL045053,</p>

		nucleotide residues shown in SEQ ID NO:214, and where b is greater than or equal to a + 14.	AL042853, AW265393, AW119262, AL138265, AI064864, AI696962, AW110400, AL119691, AA503473, AA483223, AI754658, AI350211, AA522942, AI679782, AA577906, AA526787, AA126035, AI046457, AI345654, AI345518, AA551503, AA533333, AI754955, AI969436, AW327868, AW407578, AI801482, AA468022, F36273, AW073470, AA679124, AA492166, AI355206, AA501809, AA167659, AL042753, AA572713, AI457397, AA682912, AL048626, AL121235, AI370074, AW270382, AI368745, AA503475, AW276827, AA601355, AW004911, AL039958, AI341548, AA665330, AA446657, AI471481, AW245747, AA610491, AA531372, AI254615, AI305547, AA525824, AA649642, AA665021, AI570261, AI207401, AA491814, AA101689, AA649705, AI345157, AW276435, AA493708, AW167372, AL038705, AW088846, AA613227, AA631507, AW408717, AI061313, AA533725, AA984708, AW270270, AW438643, H71429, AI610159, AA164251, AI744826, AI370094, AW376931, AA653618, AI708009, AA584167, AA178953, AL042420, AA806796, AI567076, W79504, AA576336, AA630925, AA613345, AL038474, AW062724, AI821271, AI799642, AI249997, AI289067, AW088616, AI951863, AL120343, AW083402, AA192740, AI375710, AA599920, AI149478, AA709005, AI805363, AA491831, AI341664, AA610493, AI814735, AI357901, AA970213, AI537506, AL048925, AI633025, AI368256, AA469451, AI246119, AI358571, AA810370, AI688846, AI053672, AA832181, AA828042, AI499503, AL038785, AW338086, AA828704, AA482711, AA716348, AW088202, AI687343, AI619997, AW193432, AA126051, AL119649, AA582911, F09736, AA507824, AL120687, AW406162,
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	AA837084, AI434695, AW406447, AA837677, AA652057, AW302013, AA973803, AI061334, AW029038, D83989, AF227510, AC004690, AC004989, X54175, AC006344, AC004987, AC002430, AC007384, AC002385, Z98051, AF015149, AL022163, X54181, AC008079, AC006213, AC007011, AC007298, AC006960, D84394, AC005412, AC008101, AJ010770, AL034384, X55926, AC016831, AC002565, AF017104, AL121934, AC007032, AC005839, AC002429, U57009, AL122021, AC005291, AC006195, AL121603, AC006511, U18394, U66059, AL135783, AC004940, AF123462, AC005154, AC005968, AL023882, U67233, L78833, AC005242, AC004019, AC000159, AF015156, AP000459, AC007227, AC011311, AC005768, AC007285, AC005091, AC004638, U18391, AC004534, AL096770, AC005250, AC004010, AC004033, AB020859, AL031053, AC005019, AC004890, AL031983, AC002549, AL031295, AL008728, AF015147, AC007541, AL050097, AC004069, AC004859, AJ003147, Z86061, AC000035, AL031054, Z94277, AC000066, AL096776, AC006251, X54178, AC007043, AC004626, AL023575, AL031257, AC007514, Z70042, AC002470, AC005962, AL022722, AC006130, U62317, AC006006, AC006998, AC002041, AC006336, AC004990, U95740, AP000311, AL035608, AL050308, U18395, X55923, AC002377, AL049709, AC004263, AL009029, AL121653, AC006045, Z75741, AC007877, AC005914, AL031777, AC004502, AC007731, U69730, AC016025, AC005500, AL021453, AC006277, AL031281, AC002538, AL049544, AC003977, AC000353, AL132799, AC004946, AL034452, AF200465, AC018769, AC007899, AF020503, AL022315, AC006057, AC002289, AP000555, AC004953, AC002347, AL049830, AP000037, AP000105, AC005815, AC004650, AC005699, AL035659, Z82976, AC004066, AL023284,

215	HGAMA30	797486		<p>AF001549, AC008064, AL050331, AP000193, AC006501, AL121655, Z99495, AC007774, AL096867, AC020663, AF015151, Z69705, AC005922, AC007243, AC003003, AC004453, AC005005, AJ010598, AC005180, AC004754, AC016830, AC008372, AL024507, X60459, AC006989, AC005257, S43650, AC006005, AC006203, AF010238, AC004821, AC004963, AF029308, AL133500, X88791, AC004743, AC008125, AP000552, AC004913, AC004210, AC004861, AL096701, AF196779, Z83821, AC004213, AC009479, AP000112, AL136297, AP000297, AL096861, AC003007, AL121915, AC005562, AL034351, AC004675, AC007845, Z99716, AL133245, AC007666, AP000501, AC006512, AC009227, X54180, AF165142, AC007488, AL049562, AF088219, AC005102, AL078477, AF147275, AC005859, AP000117, Z69666, AC007510, AC004848, AL078463, AC005274, AL133399, AP000962, AC006044, AC006210, AC005821, AB020858, AC004537, AC002996, AC004814, AC007392, U91323, Z82210, AF091512, AC005261, AF057280, AC004381, AC005969, AC006016</p>
				<p>AA583424, AI721245, AI732444, AI718759, AI832388, AI732445, AI720621, AI720903, AI460276, AA130541, AI990978, AA554005, AI990957, AI685117, AI733759, AI879881, AI983398, AI832502, AI733760, AA134397, AA574028, AA130579, AA134398, AA126912, AA115664, AA580320, AI748949, AA308497, AA134372, AA134332, AA055636, AA436898, AA133748, AI708072, AA132736, AA130459, AA132846, AA603658, AW362172, AA297640, AA316534, AI302569, AA102277, AA130403, AI983618, AW204007, AA296956, AW362167, AA506416, AI380363, AI445264, AA134371, AI688106, AA100297, AA569104, AI963380,</p>
				<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1748 of SEQ ID NO:215, b is an integer of 15 to 1762, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:215, and where b is greater than or equal to a + 14.</p>

216	HRACH60	797747	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 239 of SEQ ID NO:216, b is an integer of 15 to 253, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:216, and where b is greater than or equal to a + 14.</p>	AA132909, AI925567, AA298528, AA100290, AI832499, AA297149, AI707468, AA134333, AI380043, AA633163, AA297152, AA127117, AA487992, AI672950, AA298415, AA574073, AA053238, AA297184, AA130530, AA099805, AI720152, AI962005, AI832629, AA130458, AW365047, AA132779, AW029266, AW058268, AA132843, AI581967, AI582108, AA298926, AW130348, AA584890, AA134251, AW376682, AA132714, AA297180, AA134207, AW028870, AA298241, AI880716, AA297183, AI469819, AA298344, AA296954, AA297182, AW376616, AI880399, AW268068, AW362573, AA487881, AA054072, AA877810, AI749293, AA877743, AI459944, AW374543, D25577, C21047, AW196745, AA054456, AW391718, AW391727, AB006781, AF014838, I95750, U82953, X79303, AF091738  AW080690, AA614563, AI269560, AI285459, AW083685, AA502721, AW082425, AA485648, AI673446, AI439933, AI355090, AW264867, AI287492, AA505570, AA622721, AA487439, AI862183, AI823692, AW083660, AW272581, AI925844, AW050611, AI885939, N71611, AI275991, AA487423, AI281711, AW084234, AI572719, AI569431, AI174617, AI475375, AI355253, AA622247, AI499240, AI680502, AI571159, AA961417, AA715707, AA961736, AI922443, AI540667, AI985069, AI500485, AW265071, AW150614, AI683645, AI365081, AI634623, AI082402, AA610544, AI082261, AI619489, AI499600, AI865267, AI358143, AW193357, AI660947, AA894944, AW404817, AW440445, AW071078, AA612581, AI783548, AA479003, AI434485, AI619732, AI863933, AI919107, AI660631, AA961804, AA736641, AA974179, AI633036, AW192221, AW131018, AI351174,
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	AW084033, AA595651, AL048475, AA865720, AA973862, AI861993, AI872500, AI499106, AA937868, AI890071, AW080462, AI885942, AA618094, AI828336, AW188890, AA594007, AI890708, AI300883, AI624510, AW236413, AI001847, AI540090, AI285393, AA502715, AI288281, AI669056, AW172900, AI360460, AI264745, AA807383, AI627376, AW403082, AI583175, AA760969, AI289965, AW243791, AI872885, AI341798, AI935893, AI081272, AI935276, AI829836, AI872290, AI146651, AI864869, AI687899, AI802638, AW078658, AI814074, AI634576, AI073938, AI339485, AI861992, AI809753, AI559987, AW337628, AA593866, AI269851, AW082739, AW130089, AW380153, AW151760, AW103040, AI281812, AI147519, AI365016, AI870122, AI627447, AI569175, AI673170, AA443552, AA715361, AW084440, AI888139, AI922625, AI831674, AI285717, AW337680, AA622906, AA426211, AI619966, AA593951, AI339475, AA610548, AI146644, AA505632, AI913901, AA632405, AI813565, AW404344, AI925203, AI635092, AA610542, AW080728, AA977129, AI344439, AW188450, AI432677, AI682188, N92647, AI081169, AI914809, AA548191, AA410606, AI973272, AI863941, AA746587, N59240, AI434237, AI927549, AW440616, AI351782, AI445326, AI924221, AI224379, AI627201, AI818052, AW192022, AA729661, AI299068, AA742774, AI491756, AI991224, AA991714, AA630366, AA523112, AA643739, AI491798, AA643958, AA807484, AW317005, AA724274, AI590049, AI446726, AA640103, AA622937, AA421253, AI285977, AI591368, AI001206, AI282706, AW316994, AW026951, AI682767, AI885552, AA385988,

	AI310075, AI360557, AI738828, AI673464, AI540590, AI925498, AI811405, AI886449, AI304769, AW085864, AI660968, AI709348, E07334, Y14737, Y17957, Y14735, AL122127, AR035227, X16110, AR035228, M87789, V00554, X03604, Z17370, AR038320, AR038306, AR038321, AR038307, D78345, E06997, E06998, I16573, J00231, X06766, A94048, A94061, AL122049, AF113676, AF061943, AL133072, I48978, A08916, I89947, A08913, I89931, A08910, AL133077, I49625, A08909, AL122110, AL133080, E15569, AF017437, AJ242859, AF158248, S68736, AF051325, E07361, AL049452, I48979, AF113013, AL080124, AL137463, AF078844, AF113691, AL050108, AL117585, AL133557, AL050149, L31396, AL049464, U80742, AL133113, U00763, L31397, AL133640, E02349, AL117583, AF125949, AL122123, X72889, AL049466, AR059958, AL080137, AB019565, I26207, I42402, AJ238278, AL133014, X65873, AF111112, AL080060, AF113694, AF113690, AL133093, U67958, AF111851, AL137538, AL117460, AL122098, AF026124, AL122093, AL050277, AL133565, X63574, AL122121, AR011880, A58524, A58523, AF118064, AF118070, AL122050, S78214, U42766, AF026816, AJ012755, X96540, U72620, AF091084, AF113677, AF118094, AF090943, I09360, AF097996, AL137557, Y11254, X70685, AL049314, AL137648, AL137459, E07108, AL117457, AF125948, AL096744, AL050146, AL110225, AL117394, A12297, AL050138, AL133606, AL110280, AL137556, E03348, AL049938, A90832, U62317, AF183393, AL080074, A08912, AL050116, AF119337, I03321, E04233, AL049382, AL137550, U96683, AF090901, AF104032, S61953, A93016, AF003737, X82434, AF067728, AL080159, AL137560, X84990, AL080127, AL133075, AL133016, AL117435, U35846, AL137521, AF113019, AF090934, AF113689,

217	HNFIZ54	800085	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 497 of SEQ ID NO:217, b is an integer of 15 to 511, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:217, and where b is greater than or equal to a + 14.</p>	<p>AL137526, Y16645, Y11587, AL110196, AR000496, U39656, AF017152, AL110221, AF146568, AL137527, X93495, AF079765, AL133560, AF106862, AL080086, AL133104, A65341, AL050024, AJ000937, A77033, A77035, AF087943, AL049430, I33392, AF113699, AL137271, Z82022, A93350, AF090900, AF090903, Y14314, AF177401, AF090896, AL050393, A03736, E08263, E08264, AF185576, I00734, AL137476, AF162270, Z72491, AL110197, E00617, E00717, E00778, AF008439, M30514, AF079763, A07647, U91329, X98834, AL133098, AF153205, AL133067, AR038969, A45787, U68387, AL049300, AL049283, AL050172, AR038854, AL133568, Y09972, AL117440, AF057300, AF057299, X92070, X53587, X87582, U58996, L30117, L19437, I41145, AL137283, AF081197, AF042090, AL137523, AL133081, Z37987, E08631, AJ006417</p>
218	HMSCL38	801919	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2931 of SEQ ID NO:218, b is an integer of</p>	<p>AC004264, Z58476, M27287, I06092, I06091, M27286, I06090, AR067722</p> <p>AA503296, AI334107, AA287363, AW023111, AA704101, AI809776, AI609972, AI380617, AI733856, AA559166, AI066646, AA169245, AA683279, AW327624, AA602906, AA659232, AI755202, AW341978, AA297666, AI978654, AA419403, AA180775, AW274078, AI801505, AA503019, AI801482, AI344948, AA622801,</p>

		<p>15 to 2945, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:218, and where b is greater than or equal to a + 14.</p>	AA693366, AA535216, AA654874, AA574442, AA610509, AA225406, AC007637, AC006946, AC002996, AL031984, AC005954, AC012384, AL031311, AC004963, AC002432, AP000501, AC004973, AL139054, Z98036, AC005940, AC005231, AC007172, AC002045, Z97056, AC002394, AC003101, AC016027, AC004815, AC005527, Z83822, AC004106, AC016830, AC006530, AC000025, AC006017, Z95331, AL031291, AC007055, AC005412, AC002039, AP000466, AF111169, AC004000, AL049653, AC007263, AL049778, AL022320, AC002480, AC002470, AL049839, AC005666, Z84480, AC005088, AF024533, AJ003147, AC004991, AC005081, AC004878, AC004216, AL050318, Z98884, AC005702, AL096701, AC005670, AL024498, AC006146, L78833, Z84466, AF001549, Z84469, AL121658, AC005562, AC002115, AF172277, AC000035, AL033559, AC004814, AC009516, AC005529, AC005899, AP000128, AP000206, D87675, AL020997, AC003982, AL121653, AC008033, U95740, AC006120, AP000212, AP000134, AC006211, AC005740, AC007327, AL031280, AC005102, AC002091, AL050321, AL022163, Z85987, AL021918, AC004966, AC005531, AC005625, AC005477, AP000502, AC005859, AC003109, AC004765, AC005777, AL031659, AF051976, AP000245, AC007546, AC005793, AC007687, AC007690, AL031575, AL080243, AC002544, AF031078, AP000210, AP000132, AL049569, AC006536, AC008044, AL034548, AC005778, AC006571, AC005914, AC004876, AF030876, AF207550, Y10196, AC004819, AC006125, U95743, AC010205, AL031848, AC004813, AC004896, AC004895, U85195, AP000967, AC005952, AC005409, AF031076, AC005726, AF045555, AC002366, AC004967, AC004811, AL049757, Z94277, AC005011, AC006538, AC005747, AC005480, U91318, AL049759,
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219	HDQGA42	805448	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 431 of SEQ ID NO:219, b is an integer of 15 to 445, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:219, and where b is greater than or equal to a + 14.</p>	<p>AL035684, AP000008, AC005921, AC006312, Z99128, AC005736, AL031276, AP000133, AP000211, AC004796, Y07848, AC005484, AL121655, AC000026, AC009247, Z93023, AP001054, AC007226, AL035461, AL049843, AF134726, AE000658, AP000557, AL031295, AL133353, AC004686, AL135744, AC004999, AC005483, AF196969, AC004851, AC002347, Z94801, AP000704, AC002350, AL031680, AL035683, AC006285, AL133448, AC005250, AC005789, AC000159, AC004526, AC002477, AC007277, Z94056, AC006277, AC004883, AL022165, AL035420, AC006966, AC005037, AC018633, Z85986, AL020993, AC002072, AC007386, AF129756, Z97630, AC005694, AC005520, AL024507, AC002314, AC002365, AC006441, AL096775, AF205588, AC007130, AC002369, AF217403, AC009509, AL078583, AC008372, AL034417, AC003029, AP000117, AL121754, AL022238, AC006974, AL096766, AP000552, AC007225, AC005089, AC005619, AP000696</p>
220	HFIIY89	806690	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AA378853, W02326, AC004263</p>

221	HBOEB83	810870	<p>the general formula of a-b, where a is any integer between 1 to 508 of SEQ ID NO:220, b is an integer of 15 to 522, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:220, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1502 of SEQ ID NO:221, b is an integer of 15 to 1516, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:221, and where b is greater than or equal to a + 14.</p>	<p>AI956161, AW190000, AI589324, AI587157, AI620257, AW382926, AW058364, AA947995, AI928558, AW382924, AW205847, AI340074, AW192089, AI936081, AI865798, AI621165, W05054, AI952340, AA987844, N80868, AA780754, AA826612, AA679983, AI537527, F34561, AI802504, F34062, W07601, AI383360, AA423957, R50730, H30138, AA653421, AI678314, AI868144, AW368739, AI382398, H27672, AI962721, AI718900, AI610271, H27673, AA378282, AA912563, N74342, H99256, AA665166, AI919505, AI750257, AW175763, AA437064, R50267, AA658999, H27465, AA216236, T29814, AW196119, AW384132, F29860, Z19585, AF102887, X89963, AF152393, L32137, L27263, AC003107</p>
222	HMEBY61	811047	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1373 of SEQ ID NO:222, b is an integer of 15 to 1387, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:222, and where b is greater than or equal to a + 14.</p>	<p>AI745238, AI866792, AI921886, AI861777, AA174003, AW135052, AA176698, AI741234, AA451980, AW005996, AA398798, AA769370, AI285198, AI656138, AI634167, AA435885, AA974255, AA451905, AA807286, AA742321, AA992110, AI872629, N71936, AI038662, AA918352, N99671, AA363415, AW022372, AW137496, AA303737, T35813, T06979, AA765747, D20163, AA452085, AA093012, AW055049, AI472535, AA915908, AI431714, AA090421, AA478491, AF086107</p>
223	HETDK50	812745	Preferably excluded from the	AI274750, AI133094, AA337234, AA334524,

			<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1492 of SEQ ID NO:223, b is an integer of 15 to 1506, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:223, and where b is greater than or equal to a + 14.</p>	AA337774, AA337229, AI652967, AL132708
224	HSIEH63	812755	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 882 of SEQ ID NO:224, b is an integer of 15 to 896, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:224, and where b is greater than or equal to a + 14.</p>	AI223817, AI432306, AI732256, AI732756, AI827789, AW270969, AI458391, AI820678, AI734150, AI073913, AA487683, AA487468, AI521059, AI906906, AI906910, AI905072, T94990, AW015443, T94936, AA708803, AI285429, N71180, C14331, D59502, C14429, AI810047, D58283, D80043, AI366900, AI955866, D80022, AI798456, AI950892, C14389, AI560099, D80195, D59275, D59859, AI698391, D80166, D51423, D59619, AW161156, D80210, D51799, D80391, D81030, D80240, D80253, D80038, D59787, D80227, AI536685, AI918435, D80188, AW149925, D80212, D80196, AI591420, D80219, D80164, AI537677, AW051088, D50979, D59927, D57483, D80269, AI783504, AI868931, AI287449, D50995, D80366, AI475371, AL046944, D59889, D80193, AW162194, D80024, AI868204, AL036361, AI623941, AI978703, D59610, AI932794, AI564290, AL120853, D80378, AI926878, AW160916, AL042382, AI891084, D59467, AI859991, AW051258, AI624293, AL047675, AI637584, AI627988, AI583065, AI679506, AI677796, N71199, AI611738, AI619502, AI632408, AI802542, AI889189, AI699865, AI288305, AW118518, AI890507, AI570807, AI866457, AI635067, AW026882, AI923370, AI909661,

	AI567769, AI537837, AL039086, AI690426, AI270183, AI921248, AI874261, AI886181, AI286256, AI620089, AA449768, AI433157, AI702073, AI933589, AW169653, AI521103, AI537261, AW054964, AI472536, AL036673, AI863382, AI633125, CI5076, AI915291, AW152182, AI537273, AI582932, AI345688, AI500061, AI801784, AI493567, AI452560, AA641818, AL039716, AW192652, AI648458, D80241, AI812015, AI872423, AW198144, AI521560, AW029197, D80045, W74529, AW193872, AI610690, AI862139, AW238688, AW079572, AI306613, AI886753, AW024564, AI824576, AI524671, AA579618, AI523806, AI469532, AI620284, C75259, AI354998, AW117746, AI866770, AI886123, AI866090, D51060, AI863191, AI564719, AI241923, AI445992, AA305409, AI619607, AI590830, AW080746, AI890907, AI491775, AI499963, AL036638, AI520809, AI923989, AI620075, AI890628, AL045500, AL036954, AI828583, AI866469, AI564426, AL119863, AW129659, AI352497, AI971615, AI690887, AI283760, AI917963, AI536574, AI354630, AC004993, AR018138, Z82022, A62298, A84916, A62300, Y17188, AJ132110, S68736, I48978, X67155, AL133640, AF087943, I89947, A77033, A77035, I48979, AL137478, A65341, AF111849, AR038854, AB028859, AL050277, A30438, X82626, AF026124, A08910, AL049283, D26022, A25909, AF125948, AL137533, A08913, I33392, AF177401, A08916, AF185576, AL137480, AL133558, AL049314, D34614, AF081197, AF081195, AL117457, AL122121, A67220, D89785, A78862, AF017152, AL133568, AL137550, A08909, AF026816, AF090896, AL137529, AF158248, AL117435, U35846, AF146568, AF102578, AF106862, AF058696, AL122110, Y16645, AL133075, AF090900, AF061795, AF151685,



	AL133557, A08912, ARO16808, I89931, AL133560, AL137292, AF126247, I49625, AL122050, AL137459, AL110221, AF090903, AL050149, AL050138, AL050393, X65873, A03736, AL110280, X72889, ARO38969, AB016226, X82434, AL133093, AL080159, AF183393, Y14314, AF061981, AF113019, AL137271, AF111851, AF079763, AF106657, AF104032, A58524, A58523, AF097996, AF065135, E02349, A07647, AL110196, D88547, AL110222, AL137521, ARO11880, AF113694, AL110225, ARO08278, AF061573, AJ012755, X83508, AL049452, Z37987, AF113013, A45787, AL080148, A12297, AF111112, AF057300, AF057299, E12747, AL080124, AF113677, AF067728, AL050024, AJ000937, AL133080, AL137560, AJ238278, AL080234, S78214, AL133016, AL137488, Y07905, A21103, AL137526, E05822, Y11587, AL049430, AF113699, AL137523, AL133081, AL050172, AL122098, AL050116, AL122118, AL050092, AF091084, AF090934, AF113689, L19437, AF118064, Y11254, AL049382, AF210052, A08908, X68127, E06743, S36676, A93350, AL023657, I09499, AJ003118, AL050108, I00734, AF008439, AL049938, AL133665, AL117416, AL117460, E07108, E00617, E00717, E00778, AF090901, AL133606, AF113690, AF162270, U67958, AF153205, AL122100, Y09972, AL117394, AF017437, X70685, U58996, X92070, AL080074, U78525, AL122093, AL133113, AL110218, ARO20905, AL137429, AL080154, AL096744, I66342, U68387, AL050146, E03348, AL049466, I03321, AL137557, AF031147, ARO59958, U96683, U80742, U42766, X63574, AL137665, X98834, AF118094, X87582, X80340, AL137538, E15569, AL133565, AF032666, AL137476, S61953, AF067790, AF119337, ARO13797, AF100931, AL049300, U00763, I42402, AL117583, L30117, AL110197, X84990, AB007812, E08631, AF113691,

225	HLTDL01	812871	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 113 of SEQ ID NO:225, b is an integer of 15 to 127, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:225, and where b is greater than or equal to a + 14.</p>	AL117440, AL133072, AF079765, AL137463
226	HKAJ29	813482	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1935 of SEQ ID NO:226, b is an integer of 15 to 1949, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:226, and where b is greater than or equal to a + 14.</p>	AW242647, AI655668, AI633850, AI887937, AI417605, AA634416, AI183462, AI376953, AA424566, AI218544, AI184948, AI377696, AI539469, AW339973, AA063624, AA831419, AI688625, AA626214, AI347185, AA424663, AW294480, AA614526, AI633616, AA128125, AI572132, AI708352, AI380543, AI016038, AI057285, AI739144, AI766183, AI680286, AA804235, AI472896, AI797810, AI523804, AI566251, AI418609, AI919246, AI123682, AI433334, AA443570, AA573340, AI076447, AA978127, H52237, AA355932, C21129, W99365, AI915778, AA404594, AI347186, AI354307, AI950780, AA449456, AA404738, AW297363, AA125816, R15952, AW361031, AI523640, W43027, AW007808, AA401191, AI742321, AI382479, AI573098, AI610754, AI984179, AI805435, T24870, R46666, D45673, AI655084, AI915974, AI968734, AW271334, AI767664, S60885, T66578
227	HTPCH84	815696	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	AW083241, AW262121, AI718743, AW083914, AW014771, AI857725, AI290210, AA025673, AW204999, AI520716, AW006931, AI561219, AI380034, AW080544, AI282851, AA613366,

228	HWDAC26	821335	<p>the general formula of a-b, where a is any integer between 1 to 1165 of SEQ ID NO:227, b is an integer of 15 to 1179, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:227, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1944 of SEQ ID NO:228, b is an integer of 15 to 1958, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:228, and where b is greater than or equal to a + 14.</p>	<p>AI185297, AI624643, AW272130, AW083605, AA740147, AW316995, W67560, AI910466, AA603704, AA577603, AA514270, AI446656, AA158406, AW080904, AA155646, AA155701, M91489, AI472456, AI862475, AA025672, AA325843, AA639402, AI497736, AI696340, AW272567, AI792287, AF104419, AF217794, AB029011, AF217793, AF134240</p> <p>AI569079, AW069247, AI753828, AI865591, AI954109, W47496, AW023828, AI141750, AA769937, AA650548, AW016594, AW016129, AA846081, AW022937, AA814485, AI081142, AI079440, AI079426, AA846439, AA620438, AA131231, AW020734, AI831067, AW104632, AI092300, AI937843, AI499645, AW328434, AI086700, AA890458, AI167342, AA845479, AW264782, AW162433, AI929801, AI917254, AA758726, AA620745, AI718209, AW163199, AI879416, AW157051, AI831096, AA845982, AI208148, AI918625, R06276, W37886, AI287896, AI446024, AA983344, AI357019, AI866680, AA156113, AI270415, AA805556, AA860503, AW193538, AW129500, AI860930, AW275853, AI830226, AA984928, W94249, AW243935, AI673396, AI865005, AI356933, AI929556, N99095, AA854761, AI066651, AI126823, AA310037, T59402, AI816511, W42492, AI285765, AI816004, AA725401, AA845275, AI079591, AI281631, AA169591, AW157638, AI082058, AI625443, H88070, AI689693, AW151111, AI335993, AI075418, AI598168, AI802736, AI469322, AI074786, AA622660, AI879704, AW162206, AA669402, AI689523, AI689670, AW162290, AW189201, AI815820, AI816168, AI066677, AI699034, AW050807, AA961388, AI050786, AA129992, AA961385, AW247115, AI086957, AI279407, AI358503, AI363769,</p>
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			AA036830, AI253553, AI092686, W47486, T40823, AA485263, AW162675, AW162349, AI561101, AA188301, T92747, AW168282, AA668899, AW245055, AI285669, AW157410, AW161998, AA911615, W45057, AW237191, AW027171, W45645, AI985873, AA860081, AW264874, AI434295, AW156975, AW157436, AW162763, AA845874, AI539679, AW157210, AA719915, AW073770, AI439823, AW157662, AA838778, AI439082, AW272644, AW272510, AW276298, AA152231, AI366693, AI360047, AI766455, AW005956, AA132113, N22122, AA772296, AI952289, AW263586, AI783918, AA133305, AI273093, AI572769, AI932663, AI749817, AI193366, AA845853, T25472, AI095236, AI085216, AA079801, AA970283, AW157119, N75969, T59403, AI270023, N94935, AA586988, AI886873, AA897555, AA845202, AA897553, AW162566, AA723596, AW157636, AW189049, AW268368, AI879692, AW162155, AW162599, AW157639, AW055327, AI749688, T52859, AI916356, AW103542, H59734, AA187131, AA186705, AA169466, AI626111, AI364754, AA223735, N59419, AA704116, AI185608, AA724889, AI138978, AI186065, AC004947, AC008014, AC009501, AL078604, AE000659, AC004554, AC004470, AC006203, AL022399, AC002527, AC007370, AL050309, AL020989, AL009028, AC007748, AC018359, AC004943 
229	HMUBJ22	824071	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1737 of SEQ ID NO:229, b is an integer of 15 to 1751, where both a and b correspond to the positions of

			nucleotide residues shown in SEQ ID NO:229, and where b is greater than or equal to a + 14.	AI440239, AI564719, AI828731, AW198090, AW129170, AI475451, AW148320, AI567351, AI097248, AI453322, AI440426, AI520793, AI284020, AI520785, AI702073, AI432969, AI536638, AI869367, AW243820, AI580984, AW149869, AI619502, AI862142, AI539687, AI687127, AW075413, AI640379, AI926790, AW151485, AI802542, AI273142, AI568855, AI678989, AI811344, AI597750, AI627360, AI812107, AI570989, AW131954, AA225339, AI871697, AI924971, AI690312, AI677796, AI439087, AW026882, AI745713, AW088043, AI872711, AI520862, AI281773, AI480118, AI538829, AW169653, AI274013, AI654750, AI572676, AI874261, AL119457, AI824557, AI628205, AW102785, AI888501, AI784252, AI439745, AI569583, AW088793, AI630928, AI282903, AI648509, AI816947, AI857296, AI873731, AI890833, AI273048, AI560099, AI699857, AI269205, AI590415, AI567128, AI609592, AI862144, AI673710, AI702068, AI815232, AI863014, AI886124, AI885974, AI923357, AW195957, AI824764, AW078529, AI625079, AI862139, AI801766, AI950664, AI499381, AI680498, AI921248, AI559296, AI886753, AI687362, AI702433, AI815855, AI680435, AI580240, AI874109, AW071417, AI537677, AI673256, AI499393, AL120736, AI801608, AI623396, AI635461, AI349598, AI590021, AI271786, AI633125, AI499512, AW087445, AI702406, AI873704, AI524526, AI634737, AI475134, AI866111, AW082060, AW148408, AI636445, AW075667, AI573032, AI886206, AI537303, AW086113, AI590118, AI801322, AI634224, AI521244, AI475817, AI648663, AI540832, AI934035, AI280747,
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	AI696612, AI282504, AI500553, AI889376, AI284484, AI608936, AI632033, AI538259, AI469532, AI349004, AI433976, AL041772, AI536685, AI254731, AW073865, AI859402, AI610756, AI610690, AI275175, AW080079, AI570909, AL042382, AI597918, AI445414, AI290154, AI436456, AL135661, AI587114, AI679916, AI439762, AI624548, AI283941, AL043326, AI474107, AI620284, AI868831, AW238730, AW117882, AI492540, AI539771, AW132056, AW071349, AW301409, AI476046, AI568854, AI921082, AW085799, AI671679, AI500659, AI281762, AI828818, AI612913, AI859733, AW150578, AI824444, AI500523, AI804585, AI539808, AW089572, AW168384, AW132034, AI678302, AI064830, AI568870, AL121365, AL049844, Y11587, L31396, I48979, L31397, AF090900, AF113694, AF090934, AL117457, U42766, AL080060, AL049314, S78214, AL122050, AL133640, AL080137, AL110196, AF090943, AL137527, I89947, AF113690, AF113013, I89931, X84990, AF090901, AL117460, AL050116, AF113691, A08913, AL133557, Y11254, AF078844, AL050108, AF104032, AL133016, AF118064, AL049452, A08916, AL133606, AL049938, AL050138, AF113677, AL050146, AL050393, E03348, AF113689, Y16645, AF017152, AL133093, AR059958, AF113019, S68736, AF090896, A93016, AF113699, AL122123, E07361, AJ242859, AF125949, AL133080, AF090903, AF118070, AB019565, AL133075, AL050149, AF113676, AF158248, AL122093, AF106862, AL080124, AL133565, AL110221, I48978, X63574, AL122121, AL050277, AF125948, AL137557, AL049466, AL137459, AL137283, AJ000937, AF111851, AF091084, AL137550, X82434, A65341, AF146568, AL049382, I49625, AF079765, AL117394,

				<p>AF017437, AL096744, AL117585, AL049464, U91329, AR011880, AL110225, AF097996, E07108, AL049300, E02349, A08910, AL133560, AL117583, AF177401, AL080127, AJ238278, AF067728, U00763, AL137271, AF118094, A58524, A58523, AL049430, A08912, Z82022, AL122098, AL050024, AL117435, A08909, AL122110, AF183393, U72620, AL137538, X70685, I09360, A77033, A77035, AL133113, AL137648, X65873, I03321, AL137463, A12297, AF087943, I00734, AL049283, I33392, U80742, X96540, I42402, A03736, X93495, E00617, E00717, E00778, AF095901, S61953, U35846, AL137521, X72889, AL137523, AF061943, AL035587, AF081197, X98834, AJ012755, AL080159, E08263, E08264, AL110197, AL133072, AL096776, AL133067, U67958, AL022147, AF111112, AF081195, I66342, AF119337, E15569, U96683, AC004093, AC006336, Y09972, AL133568, AF000145, AF106827, I26207, AC004987, AC006371, X62580, AL133077, AF177767, AC004690, I17767, A93350, AC007390, AR000496, U39656, AC002464, X52128, AL133104, AR038969, E05822, E04233, AL137560, M30514, AL137556, AL122049, AL133014, A08911, AF100931, AL137526, U95739, AF003737, X87582, AL122111, AF210052, AF026816, AC007298, Z37987, AF026124, Y14314, AR013797, AC002467, AL080074, AF162270, Z72491, A45787, AL117440, A07647, AL110280, U49908, AF079763, AL050172, AF057300, AF057299, AL133098, AC007458</p>
230	HMSDI67	827298	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2139 of SEQ ID NO:230, b is an integer of 15 to 2153, where both a and b</p>	

231	HWLEZ80	827315	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:230, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1346 of SEQ ID NO:231, b is an integer of 15 to 1360, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:231, and where b is greater than or equal to a + 14.</p>	AW001287, AW300770, AI936111, AI691072, AA622758, AA563933, AI245950, AA622120, AI801582, AI348065, AA847242, AW001308, AA622570, AA552519, AA552362, AI660557, AW050790, AA582787, AW000826, AA643708, AI732367, AA643616, AI673534, AA857546, AA514424, AA297147, AA298484, AA543029, AA297176, AI821215, AA025434, AI732198, AA470683, AI582013, AI749731, AA025433, AI870192, AI281867, AI633125, AI670009, AW167918, AI627988, AI433157, AI702073, AI679098, AI453767, AI249877, AW152182, AI916419, AI637584, AI440399, AI284484, AI345416, AI345612, AI824576, AW151893, AI345415, AI493576, AI687362, AW083374, AI698391, AW190194, AI685798, AI922577, AI815237, AI677796, AI634682, AI884318, AI685005, AI500714, AI805638, AI538564, AA502794, AI469532, AL046466, AI538850, AI799674, AI866770, AI719817, AW072719, AI579901, AI890223, AW198090, AI690748, AI684305, AI798456, AI457589, AW191844, AI445025, AI571439, AI635925, AW105431, AA830709, AI283760, AW268302, AI521628, AI633196, AI811344, AI151101, AI135024, AI973152, AW104827, AW302954, AI610690, AI887308, AW090071, AW129722, AI567128, AW193231, AI915291, AL039086, AI336582, AI638798, AI888501, AI889376, AI564719, AI473536, AW104141, AL046618, AI687065, AI432030, AI540674, H89138, AI269862, AI587114, AL036673, AI689175, AA916133, AW088628,
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	AI912356, AI909641, AI445829, AL046595, AI631216, AI669459, AW301505, AW129916, AI651840, AW162194, AI357940, AI933574, AI635032, AI613038, AI890907, AI796743, AI358784, AL038529, AW193949, AI567582, AI500588, AI520785, AI499285, AW104724, AI521382, AW169604, AI690813, AI925502, AI522052, AW105383, AI921281, AI923768, AI282307, AI349772, AI590043, AA019328, N42321, AW243886, AI889189, AI766348, AI583085, AI539153, AI812107, AW026087, AI538055, AI890183, AW075667, AW148408, AI633000, AI499393, AW301754, AI811840, AI554821, AW301513, AW020397, AW090550, AI469112, AI362248, AI828574, AI866082, AW193530, AW073270, AI472566, AI659334, AI798351, AI680388, AL037454, AI744330, AW130134, AI866801, AW087207, AI758735, AI884528, AI921254, AW075669, AA872507, AL120676, AW078818, AL037649, AI491805, AI921464, AI768496, AI887381, AI267162, AI241923, AI583065, AI241744, AI819326, AI673363, AW148363, AI890182, AI620003, AI567612, AI263312, AI619502, AI961589, AI582912, AI539800, AA641818, AI434223, AI890507, AI568865, AI520862, AI677646, AI138480, AI553645, AW152459, AI620056, AI689379, AI610115, AI653979, AI282930, AI802542, AI499131, AW028416, AI963458, AI613270, I95745, AF113677, AF061981, AF008439, AF032666, AF030513, AF090900, I48978, X99257, I89947, AL050149, AF038854, A65341, AF159615, AL080148, AF026816, A21103, AL117416, A08916, L04849, Z82022, AL137533, A08910, A08909, AL137550, A08908, AB007812, AF000301, AL133010, U00763, AI5345, AL133558, X79812, E05822, A77033,

	A77035, A08913, AL122100, AF090903, AL080140, U78525, AL133113, AL133016, AL050366, D83032, A18777, X87582, A08912, Z97214, S36676, X84990, AL133093, X63410, AF090901, X93495, AL137476, X81464, L19437, AF067728, AL050116, S77771, AF139986, AJ005690, AL137537, Y11254, I33392, AL137560, A76335, AL110296, AF183393, AF111849, AL133075, A21101, AF061573, AF102578, AF106862, AL110280, S75997, AF091084, I89931, AL080159, AF176651, I48979, AL137479, I89934, I49625, A08907, AL133637, X55446, AL133665, AL137488, E12747, AL122110, A65340, AJ000937, AL137640, X80340, E02349, U58996, AF153205, AR059883, AL122045, A45787, A52563, AL137292, AL117392, AF067790, AL049996, S78453, AL133624, AF094480, AL137558, AJ003118, A03736, S76508, A18788, X62580, E06743, AL117460, AL133557, M96857, AF061795, AF151685, AF180525, AL137463, X82434, AF028823, AL137530, U90884, AF115392, I03321, U49434, AL137526, AL122106, I17544, AL117435, Y10080, AF017437, AF126247, AL049938, AL049382, AL050138, AF111851, AL049452, I09499, AL133014, AL122093, U35846, AL133112, I68732, AR020905, AF113019, AF087943, AL080154, AF031147, AF079763, X52128, AL137529, Y14314, AL137547, AL050155, AL133619, AL137555, X65873, A23630, AL137480, AL110218, X53587, AF113691, U88966, U75932, AL133067, Y16645, AF118094, AL137557, U67958, AL050172, AJ238278, A07647, AF125948, AL117629, AL137656, AF016271, X72889, D55641, I89944, AL137429, AF003737, AL050277, AL049460, I09360, AR038969, AF118092, X72387, E01314, AL117440, AL137294, AF137367, AL080163, AJ012755, A58524, A58523, AF113690, AF090934, AF100931, AF118070, AL137478, AR029490, AR034830, I96214, AL023657, AL096744, D16301,

232	HAIDQ59	827562	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1972 of SEQ ID NO:232, b is an integer of 15 to 1986, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:232, and where b is greater than or equal to a + 14.</p>	<p>AL137527, AL137300, AF106945, Y16258, Y16257, E02756, Y16256, S63521, X56039, L13297, Y11587, Y10936, U95114, AF132676, AF061836, AL137459, AL122098, A93350, AF017152, AL137712, I66342, AL133077, S68736, I32738, U42766, AF000145, AF113013, A08911, E15582, A93016, AC004987, AC005992</p> <p>AI924594, AI743596, AI858588, AI224926, AI224499, AW269972, AI912537, AW449848, AA310864, AA142919, AA044227, AA044346, AI351703, AW006246, M85736, AW184000, AW272762, D20174, AA781373, AA099647, AA035762, AI424574, AA249562, AA035169, W55946, AI872574, AJ271442, AF054839</p>
233	HTJN176	827721	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 691 of SEQ ID NO:233, b is an integer of 15 to 705, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:233, and where b is greater than or equal to a + 14.</p>	<p>AA418995, F02945, Z39686, AL121270, AI370623, AL040844, AI927233, AI862139, AW189802, AI522256, AI590043, AI539260, AI540354, AI307513, AI909661, AL042722, AA715307, AA809974, AI633317, AI270183, AI582932, AA748353, AI797578, AI434255, AI064830, AI698462, AA761557, AI568293, AL119863, AI445611, AI932620, AI799313, AI758560, AI683555, AI417790, AI690969, AI688241, AI571442, AI364167, AI282669, AI537273, AI638644, AI468970, AI624543, AI435253, AI095003, AA731184, AI610714, AI698391, AW085181, AI909672, AI919600, H44725, AI673395, AI635082, AI439452, AI050084, AI673363, AA814343, AI800341, AI470717, AA676361, AI866484, AI079226, AI679266, AI500714, AI872423, AI524179, AL046466, AW044367,</p>

234	HBNAP17	827740	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 824 of SEQ ID NO:234, b is an integer of 15 to 838, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:234, and where b is greater than or equal to a + 14.</p>	<p>AI610411, AI918809, AI866469, AW087540, AW087445, AI799183, AI273179, AW081176, AI299035, AI521560, AW188525, AW128834, AI915291, AW152182, AI889189, AW051088, AI473536, AF067844, I89947, Z13966, M85164, AR050959, EI2888, A65340, AF090903, D83032, D44497, AL110223, AR038854, AJ003198, AF087943, AF000167, U37359, AL122049, AL110158, AL137716, A23327, Y14314, AF129131, AL133051, AC005520, AI2558, A38574, X83544, AL117587, AF141289, AF124728, AL117416, A08456, A31057, AL133015, AL133608, AL050155, A52184, A84109</p> <p>N48618, R71006, R42033, N53377, AI872447, R22316, R43706, AW377511, R21513, R63113, AA678428, AA912400, AI272997, R70954</p>
235	HWLFM26	828180	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1396 of SEQ ID NO:235, b is an integer of 15 to 1410, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:235, and where b is greater than or equal to a + 14.</p>	<p>AI732659, AI791955, AA577625, AW083143, AW138645, AI174394, AI696819, AI608936, AI249877, AI699011, AW029611, AI280732, AW089179, AL121286, AI799199, AI680162, AI625467, AI648663, AI828731, AI499285, AW088899, AI758816, AI633419, AI796743, AI610115, AI582932, AW088903, AL040241, AL036146, AA464027, AI913452, AI520702, AW190042, AI932794, AW073994, AI889953, AI933785, AI520809, AI888944, AI648502, AI468872, AW193026, AI344817, AI929108, AI569309, AI608676, AI917963, AI868831,</p>

AI922901, AI859464, AI537677, AL119791, AI251830, AI679179, AI587606, AI627893, AW084219, AW151785, AI571909, AW089350, AI446373, AI591316, AI537991, AW129916, AI611738, AI478123, AI619716, AW169275, AI499263, AI476109, AL047763, AI866608, AA427700, AI802542, AW118518, AW023590, AI688858, AI539153, AI439745, AI873604, AI270183, AI591420, AI889376, AI888501, AI922676, AI524671, AL036638, AW071417, AI500061, AI829327, AI288305, AI866573, AI365256, AL042628, AI648684, AI538085, AI923370, AI635464, AI824746, AW151729, AI783504, AW268220, AI471548, AL119863, AI280661, AI334450, AI287326, AI584140, AI537617, AI698401, AI343059, AI859402, AI288285, AW169671, AW168795, AI273142, AI349933, AI591407, AI670782, AW129230, AW079572, AW081255, AI174591, AW102785, AW103893, AI561299, AI873704, AI446003, AI251221, H89138, AI539028, AI888953, AI250663, AI281782, AI689175, AW129202, AI554218, AI866002, AI431909, AI889306, AI433976, AI540821, AW079159, AI873644, AI955917, AI811863, AI687065, AI612759, AI610645, AI867042, AI569328, AW051258, AI687465, AI919345, AI249257, AI919107, AI439443, AI689420, AI554427, AI673256, AI284131, AI912510, AI680165, AW088134, AI819976, AI570807, AI366549, AI636719, F27788, AI249962, AW235745, AI564719, AI269696, AI801325, AL043326, AI921176, AI886124, AI955866, N80094, AI499986, AI611743, AI498579, AI963216, AI445165, AI590120, AW082594, AI619502, AI251205, AI677796, AW083804, AW149227, AI282326, AI696626, AI689571, AI633125,				
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	AI589993, AI282903, AW026882, AI491783, AW151136, AL037582, AL037602, AA833760, AI572418, AI539771, AI500523, AI916419, AI344928, AL120853, AI799234, AI783792, AI680498, AI364788, AW151714, AI568765, AI921248, AW167918, AI670009, AI632408, AI352497, AI474107, AI862144, AI538342, AW081036, AI610799, AI433157, AW198075, AI702073, AI097248, AI912866, AI269862, AW083189, AI698391, AI627988, AI570909, AI678357, AI917252, AL043981, AI804983, AI250293, AI308032, AI889189, AI590423, AW059713, AI344785, AW071349, AI963846, AI866780, AL079963, AI590686, AF067797, AB013456, AL137271, AF183393, AJ000937, I89947, I48978, U80742, AL137463, AL117435, AL050138, Z82022, AL117585, A08913, I48979, AL049382, A08916, I89931, A08910, I49625, A08909, X82434, E03348, A77033, A77035, U00763, X84990, AL133014, AL080159, AR059958, AF090903, AL050116, AF017437, AL137550, S68736, AL133075, AF067728, AF111112, AL122121, AL080060, AF113690, AL137538, AL117460, AF106862, AF113691, AF113689, AL122098, AF113676, AF090901, AF091084, AL049466, AF017152, AL050149, AL133016, AF177401, AL080124, AL137527, AL049938, A58524, A58523, I09360, AL133093, A65341, Y11587, AF111851, AL080127, AL110221, AL080137, U67958, I33392, AL117583, X65873, U35846, AJ012755, X72889, AF118070, AL122050, AJ238278, AL133640, AL050277, AF090900, AF125948, AF104032, AF118094, I42402, S78214, AF158248, AL050393, AL133565, U72620, AL122110, AF113019, AF090934, AF113677, AL133557, AF146568, AL133113, X93495, AL137476, AF118064, AF113699, AF113013, AL096744, I03321,

236	HPWBE34	828552	<p>AL049430, AF125949, AL133072, AL122093, X96540, AF078844, A93350, AL133560, AF057300, AF057299, AL049452, AL050024, AF087943, AL049464, E15569, E02349, U96683, E07108, I26207, A03736, AB019565, AF119337, AF113694, Y16645, AL110196, AL133080, A12297, AF079765, AL137556, AF090943, AF097996, AL137557, Y11254, X70685, AL049314, AL137648, AL137459, AJ242859, AL117457, L31396, AL133077, AL050146, AL050108, AL110225, AF090896, AL117394, U42766, AL133606, AL137521, L31397, X63574, AL122123, AR011880, E07361, A08912, AL137283, A93016, AR000496, AF061943, U39656, Y14314, X98834, AL122049, AL080074, AL137560, A45787, AF026816, AL133067, AL049300, AF185576, AL110280, AL133104, AL049283, AL110197, U91329, E08263, E08264, X87582, AF026124, S61953, AF153205, AR038969, AF003737, AL137526, E04233, E05822, AF139986, AL050172, AR038854, I00734, AL133568, AF162270, E00617, E00717, E00778, Y07905, AL117432, AL110222, AR013797, AL133098, AL117440, AL137523, AF079763, A07647, AF032666, Z72491, AJ006417, U49434, M30514, L30117, Y09972, E02221, X92070, AL137480, AF008439, AL080086, AF051325, AF106827, AF081197, L19437, A90832, AL137478, E08631, AL137292, AF132676, AF061836, U58996, U68387, AF061981, AF000145, I09499, AF030513, A18777, AL137533, AL122118, Z37987, U78525, AL137488, U49908</p>	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 408 of SEQ ID NO:236, b is an integer of</p>
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237	HPICC36	828670	<p>15 to 422, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:236, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 337 of SEQ ID NO:237, b is an integer of 15 to 351, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:237, and where b is greater than or equal to a + 14.</p>	W38772, AL121658, AP000221, AP000084
238	HFOYL30	828919	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2668 of SEQ ID NO:238, b is an integer of 15 to 2682, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:238, and where b is greater than or equal to a + 14.</p>	AI744708, AW195189, AI567690, AI636216, AA573208, AI770017, AW043759, AI498049, AA044702, AW262016, AI870208, AA604766, AI871593, AI024493, AA811364, AI076816, AW196812, AI808776, AI671756, AI889646, AI026715, AI492059, AI471570, AI620499, AW197581, AI823864, AI333865, AA215699, AA827699, AI418230, AA687610, AI352690, AI809179, AI192245, AA165090, AW009124, AA452233, AA872073, AI741271, AI653120, AI650712, AA970415, AA832103, AI343962, AA983520, AA215698, AW183624, AI078739, AI090246, AL120880, AA748672, R60694, AA236759, AA572872, AW090259, AA921700, AA846153, C05080, AA311867, AA279597, AL047372, AA827669, AA573732, N67681, AA233196, AI459874, W03490, T71638, AI214331, AA279707, AA287907, AA707478, AI359040, R60096, R83679, AI289060, AI650844, H05912, AI217111, AA829127, AA164628, R60695,



239	HLXNE31	829084	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2240 of SEQ ID NO:239, b is an integer of 15 to 2254, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:239, and where b is greater than or equal to a + 14.</p>	<p>AI611637, R76255, AI520792, AA563637, D57637, AW269651, AI207070, N25487, H47924, AA927138, R59811, AA428534, AW016412, R09373, AA922885, AA281966, AI364898, AW380537, AA832297, H47952, AA256822, AW361767, AW362877, Z42877, AA287901, N49731, T66772, R00758, H71735, N52660, R19577, AA332300, N35542, R12645, T66771, R60034, AW361821, AA296795, H47622, R81371, AW380553, AW371044, C16465, AI088957, R82695, AA640415, R09044, R76537, AI674152, AA732075, H47647, AA333539, R20545, AI818076, T80114, R59701, R08935, R09255, T85695, AI674659, AI472521, R22041, AW074510, H72298, Z39011, AA375569, R22097, AI967952, AA832071, R00759, H04415, AA296768, AW058363, AA878346, T10679, R81370, AA044638, T35538, T10654, AA429489, N75596, H04390, AI268211, AA233182, AA449937, T10678, AL047373, AI472614, AA857658, AA249709, AA506814, AA256480, X98743</p> <p>AW006185, AI768583, AI478210, AI961367, AA325913, AI016551, AI969521, AA541564, H08324, AA481307, AI796280, AI700943, F12538, AI253203, M79105, D61659, AI446463, AA234756, R80743, D31043, AA918745, AI872577, H08226, AI801745, AA916892, H01753, AA047218, AW235864, H01007, R80744, F10158, AA321948, T74147, T90520, D29218, AI867441, AC000399</p>
240	HLHDP51	829148	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>W63702, W31740, T70817, H97087, N28699, N59032, AI769216, N23037</p>

241	HCRMY95	829161	is any integer between 1 to 1043 of SEQ ID NO:240, b is an integer of 15 to 1057, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:240, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 484 of SEQ ID NO:241, b is an integer of 15 to 498, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:241, and where b is greater than or equal to a + 14.	AI656382, AI628467, AI224464, AI424378, AI829173, AA633233, AI250830, AI343293, AI439234, AI000662, AI968883, AA668914, AI471610, AA703988, AI745572, AI080698, AA705594, AA644096, W28213, AI638510, AI436721, T23539, AI287794, AI620156, AI417937, AA330796, AW393139, C20991, AW393157, AI424582, AI682102, AI783823, AW083234, AF019767, AC007707, Z95118, U41287
242	HAQBZ89	830123	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1770 of SEQ ID NO:242, b is an integer of 15 to 1784, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:242, and where b is greater than or equal to a + 14.	AI436552, AW071796, AA307090, AI334145, AI299053, AI161282, AI613263, AI018067, AI934889, AI921361, AI984679, AI281829, AI689644, W52097, AA121294, AA236375, AA729045, AI432541, AI342850, W16450, AA608803, N78654, AW135827, N46334, N63941, AI159772, AA456075, AA130122, AW193167, N58535, AW170746, AA367722, AA969946, AA781924, AA862441, AA829498, AW304842, AI299054, AW194058, T69736, AI382899, AA257021, AA345125, AI049756, AI983846, AI129698, AL042538, AL042537, AW148867, T70395, AA130159, AA455578, AA833560, AW351523, AA451639, AI205015
243	HYAAS90	830151	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	AI434790, T66016, AW138638, C19035, AI434384, AA486622, D63194, AC005841

244	HLDCEP20	830194	<p>the general formula of a-b, where a is any integer between 1 to 922 of SEQ ID NO:243, b is an integer of 15 to 936, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:243, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1367 of SEQ ID NO:244, b is an integer of 15 to 1381, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:244, and where b is greater than or equal to a + 14.</p>	<p>AI986236, AI859317, AA608599, AI635273, AA748781, AI683474, AW194113, AI492577, AI924236, AL038585, AI963145, AI671701, AA670171, AI813524, AI963296, AA075646, AI906409, AA854939, AI207809, AW172899, AI906399, AI860387, AI982545, AW025569, AI567678, AA573205, AW168264, AI906381, AI608995, AI922976, AA573965, AW440311, AA582829, AI805576, AA772156, AA622814, AW439237, AI744975, AW275874, AI963012, AI610192, AA837022, AI954459, AW172847, AA485929, AW192542, AI819567, AI636299, AW338983, AW085491, AI634686, AI679270, AW340852, AA700630, AI828488, AI697440, AW245402, AW273499, AI805444, AW088463, AI366911, AI560045, AW264578, AI679498, AW303830, AW440593, AW303782, AI950842, AW167472, AI884402, AI986008, AI884735, AI539237, AW003617, AI690883, AI813736, AI671693, AI355865, AW245759, AI985228, AW276537, AI809346, AA069803, W29046, AI589731, AL040289, AW070904, AI890740, AW264229, AW245996, AI033519, AI453142, AI689109, AW276169, AI972119, AI288297, AI218219, AA604163, AI859246, AI572978, AA133328, AW249464, AW104809, AA599098, AA492525, AW249475, AI982698, W74583, AW438805, AI124730, AI669473, AI207897, AI288340, AI689280,</p>
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	AI954465, AA2111753, AA487283, AI499310, AI826871, AA629856, AA609812, AW246564, AI680018, AA587341, AW246548, AA160739, AI445565, AA070356, AW304907, AI445053, AW083119, AA629703, AA075645, AA558212, AA161206, AA186725, AW052004, AA485642, AA834135, AA160685, AI679581, AI571490, AA487401, AA664215, AI693883, AI138526, AI689451, AI636150, AA758418, AI633487, AI888240, AW337561, AW246075, AI952857, AI539247, AA143273, AI679844, W56420, AA668581, AW249898, AI092181, AA160740, AI130818, AI905415, AA670453, AA773081, AA566065, AW251031, AA181325, AI138527, AI860529, AI569942, AA838049, AA586678, AI131213, AW103438, AI188431, AW250182, AI679404, AI540075, AA813391, AA179388, AA563863, AA932527, AI911930, AA635152, AI499251, AI445675, AI499153, AA568617, AI446642, AA069850, T63354, AI281320, AI581190, AA488736, AA838058, AA988742, AI986142, AI689417, AI751582, AA420688, AW176613, AA420611, AA683160, AI684075, AI879686, AA565107, AW074356, AI669848, AI951510, AA292898, AA187757, AI682010, AA629761, AA134003, AI190064, AI570329, AA932101, AA630013, AA574048, AI002611, AW196660, AI460234, AI186962, AA173899, AA909853, AA213972, AA666318, AA788835, AA772997, AA569079, AW238706, AA076380, AW327437, AA187070, AI906363, AA308176, AA600185, AI884342, AA218951, AI991867, AA160637, AI288053, AA570258, AI624787, AA227038, AA774162, AI859839, AI342186, M16660, AL136543, M18186, M36829, S45392, AC006226, J04988, X70101, U89945, S46109, D17148, D16979, T51023, T51115,

				<p>T52795, T53595, T56300, T56767, T59691, T59827, T59904, T72200, T72269, T92900, T92990, R07165, R07217, R44334, R49609, R44334, R49609, H11106, H20800, H22618, H42472, H43453, H50320, H50321, H69947, N20118, N21306, N26128, N63140, N67225, N67232, W45407, W56419, W72419, W76279, W94626, W94710, AA029459, AA029524, AA034511, AA035053, AA035563, AA039819, AA041465, AA053002, AA055974, AA056002, AA070320, AA074029, AA074039, AA074189, AA074336, AA084435, AA084465, AA084453, AA085290, AA086454, AA099172, AA101922, AA101959, AA099618, AA102011, AA112794, AA126226, AA126304, AA128510, AA129955, AA133875, AA128443, AA133403, AA130990, AA131028, AA132940, AA135158, AA135628, AA146730, AA151853, AA155641, AA155696, AA155726, AA157967, AA158903, AA158902, AA158943, AA158944, AA159293, AA159526, AA160558, AA165357, AA167787, AA169218, AA169512, AA169691, AA176365, AA179272, AA180903, AA181001, AA181508, AA182781, AA188120, AA187152, AA190896, AA199819, AA223210, AA223254, AA232399, AA233288, AA243192, AA252285, AA492171, AA492254, AA503950, AA507398, AA513704, AA513757, AA515944, AA525799, F17110, AA603895, AA617883, AA635987, AA570078, AA570419, AA838454, AA838636, AA856831, AA910298, AA927706, AA937900, AA953604, AA969555, AA973234, AA978074, AA985430, AA985432, AA994207, AI014411, N84537, N85082, W22113, W22114, W22431, W22639, W23207, W23271, N88675, AA640915, AA092777</p>
245	HWLJS42	830231	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AW265252, H44724, W23148, AA309106, Z99916</p>

246	HWLEH32	830316	nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 765 of SEQ ID NO:245, b is an integer of 15 to 779, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:245, and where b is greater than or equal to a + 14.	AL045327, AL134524
247	HWLGI62	830343	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1217 of SEQ ID NO:246, b is an integer of 15 to 1231, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:246, and where b is greater than or equal to a + 14.	
248	HWLEL81	830347	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 837 of SEQ ID NO:247, b is an integer of 15 to 851, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:247, and where b is greater than or equal to a + 14.	AI860838, AI262526, AI346357, AF127035

249	HWHPA71	830382	nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1788 of SEQ ID NO:248, b is an integer of 15 to 1802, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:248, and where b is greater than or equal to a + 14.	AI289640	
250	HWABR83	830436	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 430 of SEQ ID NO:249, b is an integer of 15 to 444, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:249, and where b is greater than or equal to a + 14.	AL041152, AW382888, AI670894, AI693476, AI816778, AW382934, AA009460, AA039526, AA588539, C14631, AI312071, AA574253, D79482, AA719231, AW025952, AW183293, AA975094, H21426, D62183, C14892, AI150955, D60830, D79908, AA039527, R38418, R62385, AA827525, AW192665, AI452868, AI198632, D59953, AW236650, F02876, Z39597, R63785, Z43527, F06606, AA381898, AW103595, AA490811, R51559, F10125, T89041, D62194, AA665024, T74335, F12505, C14891, N55964, N55384, R51649, F01904, F05649, AL049001, AL040440, R12847, AI799322, AB020663	
251	HUVDZ54	830465	Preferably excluded from the present invention are one or more polynucleotides comprising a	AA628912, AI588942, AA476470, AI217729, AI277746, AI580835, AW076024, AA707226, W45257, W45250, AI493186, AI079437, AA476471, W42998,	

252	HUFAR83	830498	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1921 of SEQ ID NO:251, b is an integer of 15 to 1935, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:251, and where b is greater than or equal to a + 14.</p>	<p>AI085908, R67108, N27271, R74606, N25505, H97692, AI095274, D79002, H82168, H50992, AA362185, R62297, H69600, R95019, R63431, H81869, AW381180, T29164, AA381507, W42991, N35785, R63379, AW381181, T49159, T49158, R62298, AA381246, H81870, R74493, N40004, N49447, H82067, AA362148, AA375059, AA381277, AA373662, R34776, AA780135, AA032091, AA381963, AA381764, R66377, N20476, R34790, AA381739, N33601, AW059573, D19741, H51644, H69601, R34685, R94935, AA382051, AA091273, AA034104, AA381521, R34674, AA133425, A10352, J02685, A02514, J03603, I08064, Y00630, A10503, A21238, M18082, A31184, A21239, A21240, A20470, A20472, M24657, M31551, X16490, AC009802, AJ000386, M31548, M24651, M23092, M31547, M24656, M31550, M24655, M31549, M24653, M24652, M24654, A21254, AF069691, M31546, J04606, M22469</p>
253	HTLHR67	830540	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1905 of SEQ ID NO:252, b is an integer of 15 to 1919, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:252, and where b is greater than or equal to a + 14.</p>	<p>AA522604, AI522088, AI091623, AA127809, AI827028, AI651539, AI129382, AI144537, AA121481, AL135280, AI351377, AA308961, W45647, AA464072, AI279725, AA464720, AA227751, AA927818, AW137760, AA152350, AA400422, AA464011, AA308959, AA463936, AA128074, AA126898, AA152351, W45665, AI273133, AA227750, AA627307, AC004940</p>
253	HTLHR67	830540	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2454 of</p>	<p>AI693712, AI636929, AW207611, AI269076, AI862893, AI651226, AA676814, AI075189, AW025012, AI686847, AW088624, AW079555, AW268830, AW183904, AI922835, AI738952, AI221764, AI802683, AI636780, AI308833, AW205872, AW193425, AW088829, AW295762,</p>



			SEQ ID NO:253, b is an integer of 15 to 2468, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:253, and where b is greater than or equal to a + 14.	AA890663, AI189401, AA772008, AA176693, AW169475, AI023228, AI686947, AW192064, AA970087, AA055141, T35708, R99043, AA962735, H12306, AA173467, AA046203, AW371197, AA706756, AI040470, R15832, AW338490, AI636713, AI761455, AI470499, AA173411, T17247, R21916, T98908, AA322859, H83192, AA384127, AA046283, AA055081, R22565, H57499, AA160631, AA173996, AA160536, AA174096, R15833, H82961, AA447282, AA377321, AI219640, T99497, U24152, U49953, AF071884, U51120, U23443, AF082077, AF092132, AR044121, T66458
254	HTSGO78	830568	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2847 of SEQ ID NO:254, b is an integer of 15 to 2861, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:254, and where b is greater than or equal to a + 14.	AL047539, AW376875, AI816159, AI880304, AI734029, AI342378, AW410975, AL045220, AI828138, AA325140, AW151122, AA781458, AI204173, AI813770, AI986218, AI365945, AI173188, AI275058, C04008, AA831559, AI887535, W22881, AI588864, AW272290, AI859169, AA430320, AW054657, AI280882, AI932252, AW197078, AW373553, AI214511, AI567223, T09338, AA464652, AI933379, AI686734, AA938929, AA401005, AI494466, AI689485, W22260, AA464551, AA808281, T09337, AW151508, AA746483, AI476072, AW302553, AA385987, C04877, AA574033, AA612719, AI620626, AW189413, AI686242, AI951483, T29903, AW103357, AA622035, R56392, AA338319, AI520839, C05565, AA551699, AW338825, AW177720, AA558620, AW167455, AW363450, AW007981, AA873069, AI339289, F34729, H41900, H41939, AA659829, AI251921, T28415, AI669886, N41528, AA329834, AI492524, AI350898, AA583577, AA812790, AA514778, T86174, AI457229, N88548, AW338406, AL046341, AA559291, AI357710, AA487745, D25721, H27334, AA58725, AI419550, AI933576, AA341471, AA366971, AW365056, AW382146, AW367544, AI612944, AW192877, AW369010, AI906810,

255	HSLHS76	830582	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 752 of SEQ ID NO:255, b is an integer of 15 to 766, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:255, and where b is greater than or equal to a + 14.</p>	AA364485, AI873754, AI686268, AI567229, AA862202, R85358, D53466, AI282898, AI648378, R31229, AI382495, AA425346, AI452453, AW371251, T86173, D29310, AA722677, AW367556, AA878486, AA487526, H38476, I80845, L20817, L11315, A42378, L57509, AF026259, I68738, L26525, X74979, Z29093, L57508, X99034, U48705, AP000511, AB023050, AC004211, S77585, I80847, S77556, X99030, X99025, X99032, X99031, X99028, X99027, X99033, X57240, X99029, X99026, L57507 AL046964, C04704, C05575, AA188390, AA009416, AA315815, AA179035, W19118, AA192132, AA112020, AA178892, T11706, AA311149, W96503, AW360913, AA372314, T27834, AA161070, AA373237, AA089620, D56181, AA093973, AA112013, AI564441, C03250, AA373819, AA091477, N83198, AA312358, AW157523, AA085056, AA096113, N88726, AA373564, AA303464, AA313428, AA095180, N87249, AA094540, W45262, W76369, AA095614, AW382903, N87211, AA215950, AA216313, AL047817, C05481, C02894, AA216206, AW163322, C05443, AI133597, AA091667, C03109, N88287, N85728, AA094938, AA603604, R57741, AA090688, AA090758, C03258, N86503, AA090433, AA093639, AA216332, C03285, AA096435, AI270298, AA094920, N84777, AA341230, AA179011, AA089671, N86226, AA216073, T19748, N87994, N88527, AI792364, N89280, C03046, T12228, AA090222, H68005, H66300, AL050179, M19714, M19267, M19715, M19713, Z24727, X12369, X64831, M22479, S78854, M34135, M60666, M60667, X66274, M34134, M60668, M60669, M23765, X02412, M34136, M23764, X02411, J00910, M32441, M36337, M36336, X04690, M17914, M17913, M16432, M15044, L02923, M15472, M69142, X16236
256	HKACP86	830586	<p>Preferably excluded from the present invention are one or more</p>	AI567463, AA418473, AA085947, AA928718, AI089939, AA514459, AI660776, AA532818,

257	HASAR52	830685	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1380 of SEQ ID NO:256, b is an integer of 15 to 1394, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:256, and where b is greater than or equal to a + 14.</p>	AA626203, AA491204, AA954880, AA234025, AI372837, AI151350, AA233843, AW014578, AI217766, AA809984, AI660799, AI161145, AA838521, AI818058, AA491007, AA146773, AI347955, AA595155, W01508, AA100116, AA102188, AA922851, AI311580, AA629156, AA045861, AI418234, AA148854, AA148855, AI244580, R99131, AA146772, AA151919, AA320765, H81094, AA424679, AW369634, AW369629, AA053533, AW175674, AI653307, AA085948, AI863666, AI632510, AW175676, AW374868, AA968953, AW175702, AI471376, AI419707, AI806136, T29888, AA382195, AW237879, AW001530, AI859271, AA045862, AW130934, AI683225, AI687775, D00068, A14571, E01197, M63849, X04371, AR030751, M63850, AC004551, AJ225090, A14567, M11809, X02661, M11806, M11808, M11805, M11807, A14573, E01198, X02875, X07179, X06560, M18099, AR040786 AI991160, AW194455, AW373879, AW080671, AI478704, AA563940, AI222470, AW369482, AA838626, AI961305, AA876049, AA773070, AI811834, AA622215, AJ003306, AA594638, AA398709, AI132554, AA401349, AI304604, AA884700, AA004908, AA005096, AA626761, AI535903, H66371, W40522, AA913037, AA379602, AA393364, AW189651, AA379305, AA379458, T91965, AI535854, H66323, AI187428, AI002090, AA253411, AA809699, AW173243, AW183147, AA402003, AI905236, AI133643, AB032945, U60416, M55253
258	HAHSF60	830693	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1315 of SEQ ID NO:257, b is an integer of 15 to 1329, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:257, and where b is greater than or equal to a + 14.</p>	U17999, AI310219, AI659630, AW105327, AI925645, AW083894, AW373778, AI282616, AW373786, AI040216, AI951917, AW305314, AA058767, AA085866, AI204582, AI394130, AI282615, AA480121, AW081096, AA427906, AI129583, AI081303, AW166089, AI445651, AI572060,

			<p>SEQ ID NO:258, b is an integer of 15 to 2196, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:258, and where b is greater than or equal to a + 14.</p>	AA714654, AA421723, AA313474, AA714639, W94273, AI890861, AA128341, AW069223, AA714678, AI680605, AI400572, AI581101, AA908175, AA053132, AA773907, AI568248, AA971707, AW068941, AA653490, AA427367, AI933131, AI245783, AA635248, AW086162, AA837138, AA029861, AI240077, AA179209, AA856893, AA158985, AA179208, AI475295, AA469263, AI299468, AW205107, AI682547, AI143803, AI393975, R60480, H45116, R27349, W94275, AA158382, AI753055, R55360, AA912498, AA496411, R27348, AA158480, H25419, T95082, AA634378, C04377, AA282669, D58558, AA625545, AA771814, R60244, AA305166, AA325096, R91851, F12862, AA868540, AI127050, AA304571, AA773281, R51832, AA011052, AI202431, R38532, F10464, AA344162, T95179, AA325094, AI767061, AA480509, R27759, N86468, R54227, R89153, T75098, AA282542, AI202570, AA010771, D79633, AA158625, AA358026, AA053518, AI913339, AA364629, H14439, AL040172, AA838536, R27842, AW392413, C03187, AA411427, AA354780, U46239, AA811104, AA314247, AA343415, F13492, AI655372, Z42724, AA090493, U17909, T35726, AA354563, D20904, H45422, AA854092, U17553, AA100997, U17540, W56115, AA574050, AI433284, T27178, L38932, AF139131, AF077301, AR028385, AF077302, L77607
259	HCQCD01	830710	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:259, b is an integer of 15 to 567, where both a and b correspond to the positions of</p>	T29561, AW374717, AA040122, R17417, M18728, E01972, AC005204, AC004679, AC004784

260	HUSZD77	830723	nucleotide residues shown in SEQ ID NO:259, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 936 of SEQ ID NO:260, b is an integer of 15 to 950, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:260, and where b is greater than or equal to a + 14.	AW243026, AW376085, AI823573, AI001154, AI040751, AI953364, AI539412, AA813197, AA443277, AA002181, R99800, AI280400, H11236, R99026, AA476689, U75815, AA224588, AB015594, AF093668
261	HCBBA51	830743	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 461 of SEQ ID NO:261, b is an integer of 15 to 475, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:261, and where b is greater than or equal to a + 14.	AW135421, AA035773, AA056334, AA229819, AA314724, C14341, AA401339, W68503, C14299, C14483, C14221, AA308273, C14336, C14385, AW440694, F21255, C13986, F24961, AA328328, AA135681, W68387, AA228680, AW009033, AA747774, C14434, AI223384, AA622053, AA010723, AI202387, AI073496, W07371, AI208241, AA533423, AI223417, AA853968, F24716, AI025140, N69946, AA491891, AA151292, AI150810, AI378443, AA315459, AA635767, N69079, N56655, AA186392, AI707619, C03984, AI708439, AA034221, AA228662, AA151293, AA873167, W42660, W72685, AI718982, N80244, AA969768, F24063, T34897, AW170321, AI016268, AI708120, AA814124, W77791, AA564612, AA722903, AI066527, AA187084, AI087293, AA181331, W80646, AI075691, AA757220, AA922807, AI343724, AA308272, AW182757, AA354607, AA132021, AA594511, AI300747, AW275224, C14504, AA644450, AA903981, W74708, W45185, AA468802, C15788, AA729365, AA973174, AA993667, AA470869, N30323, AA548946, AW275200, F28368, F24779, AA132124,

				AA974282, AI087145, F36109, AI303012, N98327, AA135594, AA600707, AI129063, AA976458, AA747035, AI378997, AA483684, AA329263, AI735513, AI253570, C14380, F33238, AI341567, AI749684, F26265, AA977143, F33782, AA011171, AA026357, F26564, D51943, W55989, F31642, AI299939, AI337512, C14396, AI126257, AA303645, AA662887, AA373945, F19035, T35109, F27569, AA962592, T30067, AI279207, T34058, AI695702, AA321693, AA366019, W56279, AW372974, F28612, AA033537, C14513, AI188019, AA358641, F27119, F26493, F31065, F31534, W74677, F32176, AI253527, F35052, AI696728, AI748793, AA366883, AA302137, F29971, Z19733, AW021851, AI313106, D58314, Z19731, AA336004, AW062349, AI695164, AI419743, AI910148, AI915282, AI826670, F21953, AW022075, AA317156, W80647, AA639353, AA700688, AI023754, AA062820, F24415, N87141, W95052, AA664589, F32063, F31715, AI749507, AA082419, F19464, AA563674, AI199688, AA886626, AA903495, AI795900, AI766380, AA742691, AI569321, AA778349, AI223418, N85880, H66601, AA659101, AI280567, AA514852, AA983332, W92096, AL041862, AL046356, AL045891, AL042898, AF077045, X16978, AF010323
262	HSDEI84	830804	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1230 of SEQ ID NO:262, b is an integer of 15 to 1244, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:262, and where b is greater than</p>	AI719588, AI799465, AI830002, AA528242, AI469357, AW276402, AI565010, AA209484, AI825926, AI623129, AI767369, AA083180, AA029674, AI208463, AW084876, AA156544, AA774442, AA639381, AI753820, AA064856, AI560799, AW118965, AA056518, AW244067, AA151006, AA157796, AW079268, AI537264, AA524231, AI088720, AI860105, AA150685, AA916719, N25945, H99102, N48273, H00766, AW191026, AA552334, AA169300, AA256576, AA903443, D12105, AI874131, AA127010, H00675,

or equal to a + 14.	AA171663, AA344184, R79716, N62945, AI363961, R79715, R76116, AA053666, N63298, H42132, R76171, AI805476, AA126631, AA381347, AL043940, AW393077, AW373228, AI571560, AW393070, AW393129, AW393082, AW393094, AW373225, AW393067, AW373226, AW393075, AW393119, AW393126, AI874071, AW393114, AW393117, AW393106, AW393123, AW393110, AI890219, AW393084, AW393089, AW393127, AW373155, AW393128, AW373264, AW385491, AW373153, AW393068, AW369506, AW393064, AW369479, AW393091, AA256575, AW374154, AW373157, AW393124, AW393072, AW385490, R82537, AW393090, AA053769, AW393120, AI377661, AW393122, AI024212, AA904582, AW393102, AI566991, D61890, AW368667, AA813518, AA287626, AW393118, AA029686, AI670002, AA758700, W00609, AL047675, AL041862, AL040207, AL046356, AI866820, AI802542, AL045891, AL042488, AL119863, AI868931, AI628337, AL043089, AL042745, AI521596, AI270183, AI538980, AI570807, AI355779, AI432666, AI961589, AI698391, AI568138, AI590043, AI439745, AL045500, AI866469, AI571439, AL039390, AI673363, AI539800, AI624293, AI819522, AW080700, AI648567, AI582932, AW083573, AI564749, AI800341, AW050850, AI620075, AL042787, AI890507, AI950729, AI432644, AI884318, AI933992, AI537677, AI671642, AI613038, AI859991, AI872423, AI288305, AI537187, AW051088, AL045626, AI580436, AI538850, AI468872, AL039716, AI499963, AI569583, AI433157, AW026882, AW151136, AI439452, AI539781, AI539771, AI241923, AI610357, AI494201, AI521560, AI500659, AI554821, AI866465, AI572096, AI815232, AI801325,
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	AI500523, AI923989, AI284517, AI500706, AI445237, AI491776, AW151138, AI433976, AI889189, AI500662, AW172723, AI284509, AI274759, AI889168, AI440263, AI866573, AI633493, AI434256, AI890223, AI434242, AI805769, AI888661, AI284513, AI888118, AW023338, AI436429, AI889147, AI345688, AI371228, AI440252, AI866786, AL047092, AI860003, AI610557, AI242736, AI609409, AI887499, AI440239, AI590134, AI491775, AI559957, AI473799, AW008085, AI537273, AI254731, AL046942, AI866780, AI612913, AI540754, AI824576, AI627988, AI627893, AI919593, AB006746, AF098642, I89947, A77033, A77035, AL117435, AL137533, AL050393, AR034821, AL137480, AL137550, I48978, Y09972, AL122049, AR038854, AL110280, Y10080, AL122110, X82434, AL137271, Z82022, AF008439, AL133049, AB007812, AR020905, X79812, Z97214, A21103, AF067790, S36676, AL137558, AL122106, AL133067, AL049382, AF061795, AF151685, Y10655, AL137557, AF067728, AL080148, S61953, I48979, A65341, AL133080, X80340, AL110221, S68736, AF104032, AL137463, AL122050, A58524, AJ000937, I33392, AL117460, X84990, AF139986, AL050138, E02221, AF111849, S75997, A58523, AL137459, AL133072, AR011880, AL133558, AL050024, AL080159, AR029490, A08916, AL023657, AL080140, A52563, AF032666, AF057300, AF057299, A08910, A08909, AF026124, AL117457, A08913, U35846, AL133560, AR013797, A18777, A08908, AF158248, U49434, AF061981, AL137488, A08912, A03736, X72889, Y11254, AL117416, AF100781, AF087943, X70685, AF183393, I09499, AL050155, E12747, AJ005690, AF090934, AF177401, AL080126, AF078844, A65340, AL049283, AL133640, AF111851, AF159615, AL133075, AL050149,



				<p>AF125948, I66342, AL133113, AL117648, I89931, AL117585, E01314, AL122100, Y14314, AL122093, U42766, AF113019, I49625, AJ238278, AL080234, AF090900, S78214, X83508, AF026816, AL137539, AF126247, Y16645, AF125949, AF146568, U80742, I03321, E06743, AL049452, AL137479, AF017437, AL137478, X62580, AF118090, AL080154, AL133081, AF000301, AL133077, AF030513, AL050366, AL050277, AF113690, AF115392, AL133665, A93350, AL110225, AL137658, AF185576, I00734, S78453, AL110196, AL137529, AL137538, E00617, E00717, E00778, AL133619, AL137548, AL122121, AL133557, AF113677, AF090943, E07108, AL117587, AL133016, AL050092, AL137292, AL080124, E07361, AF100931, AL049300, Z37987, U78525, AF106657, AJ012755, Z35309, X81464, AF017152, AF113694, AL049430, AF106697, AL050116, AL096744, AF061573, A15345, I89934, I89944, U49908, AJ003118, L04849, AR038969, AF097996, E05822, D89079, U58996, AF113691, AF090901, AF102578, A18788, AF118064, AF091084, I26207, A08907, AL049938, AL117583, AF079763, AF090903, A45787, AF137367, AF106862, AL110218, U88966, AF118094, AF132676, I42402, AF061836, AL133010, AF081195, AL137476, X53587, A08911, AL137526, AL117578, AL117440, AF090896, AL110222, AL137665, AL122123, AF111112, U67958, AL049314, E02349, AF031147, A07647, A08915, AA886326</p>
263	HFIYB72	830816	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1118 of SEQ ID NO:263, b is an integer of 15 to 1132, where both a and b</p>	<p>H05642, AA425526, AA149693, AW085716, R99973, Z19801, AA251202, AA229351, AL137349, AC007566, AC004539, A74647</p>

264	HMTAE63	830829	correspond to the positions of nucleotide residues shown in SEQ ID NO:263, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 485 of SEQ ID NO:264, b is an integer of 15 to 499, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:264, and where b is greater than or equal to a + 14.	AI939916, D63224, AW407639, AW176021, AW027307, AI814810, AI739298, AI192787, AW004949, AA649240, AI922342, AI306508, AI692396, AA970466, AI458587, AI286059, AA367812, AI221716, AW366594, AI702490, H12163, R35607, R21083
265	HWBEJ14	830859	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 721 of SEQ ID NO:265, b is an integer of 15 to 735, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:265, and where b is greater than or equal to a + 14.	AA160635, AI120395, AA307958, R77168, AW404547, AA128522, AW404437, AA223749, AA317034, C18276, AA330991, AA299384, AA381373, AI189784, AA341697, AA160634, R09362, AA362020, AW378279, AW406265, W24688, AA379334, AA316279, T92853, AA382078, AA318459, AA381663, AA405270, AA316596, AA478352, AW175619, AI189607, T59832, AA381765, AW405436, AW378287, AA376090, AA363718, AA375376, R73743, AW378267, AW387731, H94791, AW387336, AW370372, AW378281, AW378259, AA528578, AA570485, AI079183, AA662199, AW370333, AW370355, AI374711, AW370308, AW370322, AW387740, AA383912, AA662159, AW370323, AA630800, R37885, W01112, AA911098, AI248496, AA173272, H61317, AI360250, AI814445, AI033504, AA436228, AA577551, N93055, AI200240, AI304326, AA291643, AI216115, T82436, AI924336, AA771918, AI337564, AI445044, R80999, J03909, AF097362, AC007192
266	HVAAB82	830879	Preferably excluded from the	AA533630, AI473697, AI377206, AA908795,

267	HPWBX45	830901	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 837 of SEQ ID NO:266, b is an integer of 15 to 851, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:266, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1243 of SEQ ID NO:267, b is an integer of 15 to 1257, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:267, and where b is greater than or equal to a + 14.</p>	<p>AI148470, AA236012, AI457262, AA527388, AA993815, AI287718, AI373278, AI370775, AI348505, AA164552, R48904, W37451, AI865138, AA350356, AA768457, F02513, AA235044, AI468590, AA448830, H29311, AI192390, N90567, AI766033, C02065, Z39583, R44816, H13822, AA358286, AA164551, AA128266, AW380587, H13821, AW269142, AF003924, T62074, T62130, T67747, T67857, AA746229, AA962194, AA987868, AA994828, AI000188, AI015557</p>
268	HODGW05	831019	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1071 of SEQ ID NO:268, b is an integer of 15 to 1085, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:268, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1243 of SEQ ID NO:267, b is an integer of 15 to 1257, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:267, and where b is greater than or equal to a + 14.</p>	<p>AI114651, AI207440, AI132961, AI207682, AI174834, AA741297, AL037798, AI133466, AW157292, AW157509, AW157759, AA651721, AI452526, AW385669, AL048670, AW440411, AW440420, AI745445, AI510709, AW014941, AI207552, AA088187, AI083814, AW360786, AW360820, AW360777, AW163097, AL038802, AI815802, AI095824, AW003648, AI492193, AA135632, AW242026, AI937890, AW360783, AA551141, AI267658, AA278804, AI570233, AA897500, AI356383, AA777969, AL037375, AA628054, AI951818, AI888377, AA493742, AW275189, AI762602, AI207734, H75980, AW173448,</p>

	AI133690, AI968543, AW157025, AW131345, AI560091, AW369790, AW026879, AI636794, AW439580, AW162995, AA902388, AI055994, AW162102, AI815773, AW074216, AI907595, AI735366, AA908309, AI909708, AW369605, AI174846, F28124, AI064691, AW391713, H20215, AW338446, AI439016, AA442415, AI281876, AI908465, AW371227, AI907969, AI908472, AA088252, AL037828, AW380759, AI671075, AI815390, AA657677, AW161708, AA570782, AL036115, AI908677, AI908644, AI288025, AI282929, AI253372, AA657463, H21151, AA923046, AW369681, AI906307, AI523888, AI253436, AI287789, AI906319, R74305, AA837128, AI337896, AL037031, D56190, AL038801, M85486, AI207671, AI418229, AI131083, AW392787, H20917, AI267484, AI589443, AA489128, AI216967, H03983, W56409, AA974055, AW043660, AI744947, AW274771, AW362921, AI091864, R06021, AI888875, N74495, AI205124, AW262373, AL035805, AW362828, AI202284, AI631257, AW175604, AW173740, AI524704, AA492593, AA203575, AA707898, AA588178, AA976831, AI282246, AI005305, AW026149, AI879040, T48808, AW360822, AW081095, AI581540, H21108, AW072602, T31335, AA514815, T30541, AI909087, H88540, AI905048, AA484362, T35933, AA483258, AW163348, R16640, H88588, AA988499, AW385963, AI630264, AW076087, AA987311, T35170, AI906899, R01442, AW080305, R11512, AW372792, T05411, AA026758, AW276849, AW363348, C02045, AA652476, AA502198, AA886007, AA903597, AA972586, AA380809, AI290811, AW360784, AI934074, AW382010, AW163700, AA902853, AA284010, AA639286, W80468, AA837609, AA826319, AA001792, AI582383, AW389230, AI907609, AA367531, AI252799, AW382002,

269	HNTCW73	831057	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1301 of SEQ ID NO:269, b is an integer of 15 to 1315, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:269, and where b is greater than or equal to a + 14.</p>	AA468454, AW391736, T32608, AW360808, AA658510, AI361513, AI433144, AA640251, N55790, AI610336, AI758860, AW392874, AA829062, AI279827, AA285126, AW131958, AW088099, AW162392, AW365219, AW392938, AW148369, AW128863, AI286315, AA513880, AA513902, AW392971, AA610424, AI269413, N66825, AA501597, AA135633, AA483251, AA903377, AL038739, N88776, AI267237, AI902986, H83967, AF203815, D87666, A86999, AF187554, AC005972, AA614076, AA659247, AA876594, AA978221, N28221, N56441 AI916714, AA418770, N62927, AA458528, AA418699, AW338226, AA149075, AA053293, AA058396, AA454607, AW272659, W00649, W01189, AI139535, AI275461, AA576507, H62767, AW271982, AA730033, AA805864, AA991217, AA782067, AA505598, AI985851, AA306950, AA328767, R69415, AA988279, AW001647, R69546, AA360989, H14127, N63320, R58778, T27343, D62070, C21298, D82661
270	HA5AB03	831099	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2945 of SEQ ID NO:270, b is an integer of 15 to 2959, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:270, and where b is greater than or equal to a + 14.</p>	AL043277, AW192332, AI909668, AW373765, AW366446, AW385861, AI279085, AI755112, AW360806, AW006775, AL048587, AI754864, AA594966, AA037283, AI694017, AL035871, AA827914, AI754435, AA522900, AI768385, AI921210, AI978938, AI769550, AA890380, W38716, AI814604, AI114623, AA843903, AW151745, AI264616, AI962888, AA393857, AI625323, AW067772, AW367305, AI755271, AI024220, AW385825, AW129755, AI961412, AW338924, N71915, AW371923, AW007415, AW371953, AW152563, AI086861, AL048588, AW275879, AI921129, AI963523, AW440316, AI671698, AA525231,

	AA669805, AI745060, AI089253, AA100517, C05243, AW023254, AI683039, AI131267, AA857664, AI860438, AA993640, AW188422, AI591351, AI535661, AA664422, AI685134, AA255837, AI559307, AA148057, AI583984, AI015513, AW029476, AI571485, AI891065, AW069758, AI886050, AI620311, AI372868, AA984009, AI613271, AI144003, AW054945, AW151853, AA553912, AI638114, AI090092, AW150370, AW069075, AI051892, AI358457, AI401216, AI961284, AI308793, AA393858, AI972037, AI086960, AI813751, AI445420, AI982684, AI570230, AA714493, AW339124, AW338501, C05993, AI608834, AI913777, AI084028, AA610339, AA116055, AI086674, AA666001, AA156943, W51898, AA192463, AA563900, AI041919, AA922728, AA191631, AA070027, W38380, AI022909, W52474, AA804931, AW316759, AA977110, AA112091, AA846166, AA039259, AI129734, AI890871, AA173867, AW371919, AI537403, AI814816, AA630553, AW008474, AI086565, AI953864, AI283841, AI127701, AI373721, AI184688, N32273, AL047242, AA602651, AA576828, AA037749, AW439199, AI567267, AI066397, W60142, AW044360, AI249245, AI676203, AI348683, AI274903, AI628320, AW338491, AW304090, AI913169, AI281485, AI961594, AA261995, AA665045, AA136751, AA165022, AI567535, AI872495, AA088692, AW008098, AI752141, AA031546, AW068047, AI561069, AW073508, R69200, AI564752, AL079829, W42582, AI559197, AA135909, AI356976, AA112739, AA768641, AI926538, W23962, AI804568, AI263134, AI262471, N90725, W39486, AI926714, AA136413, AA088829, AI802577, AA642453, AA100245, AI753745, R69678, N90423, AA614772, AA296186, AW021979, AI752835, W67173, AA610361,

271	HMWBR7 0	831117	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2011 of</p> <p>SEQ ID NO:271. b is an integer of</p>	<p>AA493599, AI750225, AI872509, AW152650, AI682890, AI752140, AA524125, AW385815, AA330032, W44824, AW072596, AA372686, AW380736, AW198129, AA305538, AA985349, AA182563, AA776487, AA159808, AA877646, AA890174, W53040, AW363248, AA192538, AA099577, W38525, AI078691, AA669445, AA186553, AI241108, AI682790, AA988567, W03004, AA374180, AW304321, AA947835, AW363274, AW243883, AA181803, AA194658, X07979, U27351, U10865, Y00769, X15202, U12309, M14049, AF086249, U91517, U33879, U37029, S77516, U47283, U28252, M34189, U33882, M84237, T58120, T90056, T90158, T94290, T94639, R69590, R76031, H65424, H65425, N40465, N47619, N48504, N66482, N67212, N67243, N67881, N72302, N92538, N94512, W06930, W20370, W42594, W48665, N90075, AA025009, AA024962, AA029382, AA029726, AA031500, AA044145, AA044261, AA065061, AA082386, AA083544, AA083757, AA100236, AA130509, AA130510, AA132145, AA136308, AA136528, AA146853, AA146852, AA148049, AA182776, AA186858, AA423999, AA228337, AA228348, AA506755, AA506420, AA513968, AA514542, AA551485, AA618333, AA729997, AA738153, AA806122, AA876216, AA877173, AA894385, AA988275, N84005, N84600, N84939, N85553, N86141, N88049, N89450, N89451, C02877, C02980, C03631, C05332, AA090838, AA089614, AA091652, AA093130, AA093851</p>
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272	HMSHS44	831163	15 to 2025, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:271, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 838 of SEQ ID NO:272, b is an integer of 15 to 852, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:272, and where b is greater than or equal to a + 14.	AA090877, AL050105, AF146277  AI769751, AI890125, AI797291, AA877133, AA534692, AA600344, AI300465, AI376117, AI376622, AA056501, AI791654, AI821488, AI655898, AI821513, AA535746, T88845, AA056387, AW118107, AA533380, AI791633, AI961311, D29031, AA348459, AI872896, AI926428, T25160, AA320105, N92813, AA526424, H67064, AA188940, AA706202, H10889, AC002563, U52111, Z73988, AL050347, AP001049, AC007450, U61224, AC007240, AC003030, U60970, U57833, AF184614, AC004883, AC005058, AC004022, AC004801, AL049709, AC004821, AC007201, AC005796, AC006271, AL049794, AC010205, AC005409, AC006450, AL121825, AP000690, AC006023, AC005253, AL022326, AL022313, AL049779, AC005231, AC009542, AC005065, AF017104, AC003684, AC005220, AC005082, AC004789, AC000031, AL031984, AC005736, AL035683, AF111168, AL121603, AL096677, L44140, AC002112, AF112441, AL035495, Z85987, AC005660, AC005070, AL096816, AC002477, AC009330, AP000493, AC005666, AL096773, AC002481, AC004876, AC004955, AC004491, AC005874, AF134471, Z69652, AL031255, AP000313, AP000050, AC006449, AC005529, AC007656, AC005839, AC012085  AL133812, AA057014, AL133807, AA059289, AA375309, M34057, M55431, AF022889, E03391, E03392, L48925, AL133244
273	HMEIJ62	831210	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 557 of	



274	HWHHW7 9	831212	<p>SEQ ID NO:273, b is an integer of 15 to 571, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:273, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 696 of SEQ ID NO:274, b is an integer of 15 to 710, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:274, and where b is greater than or equal to a + 14.</p>	<p>AA151754, AW452006, AW176113, AI560397, AI478632, AR014373, AF037335, AF051882, AR025464, AR060382, AR014372, AR014371, AR014381</p>
275	HLVGG06	831234	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 581 of SEQ ID NO:275, b is an integer of 15 to 595, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:275, and where b is greater than or equal to a + 14.</p>	<p>AI827618, AA524529, AW006669, AI364518, AI810908, AI870394, AI932255, AI184165, AI829428, AI198374, AI499187, AA426304, AA782427, AA483399, AW188288, AA621334, AA426305, AI357307, AA535284, AI734918, AA527060, R50343, AA728756, AA233176, AI198776, R43242, AI498962, AI536662, N99079, AI869160, AA233253, AA406234, AI824656, AA406506, AI633635, AA570590, AI081306, AA885118, AA431721, AW103534, AI560447, R27570, AI919448, AI168823, AW072891, AI312964, AI307518, AI312268, AI307581, AI334883, AI377612, AI335158, AI379371, AI340544, AI583900, AI371557, AI311171, AI313105, AI289556, AI287734, AI284894, AI275279, AI224733, AI271056, AI289342, AW301347, AI334952, AW301852, AI349203, AI246815, AI223589, AI287755, AI305468, AI284882, AI289381,</p>

276	HMEKY46	831239	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1158 of SEQ ID NO:276, b is an integer of 15 to 1172, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:276, and where b is greater than or equal to a + 14.</p>	<p>AI275304, AI349973, AI289540, AI224304, AI270800, AW302069, AI306106, AI312158, AI307884, AI307055, AW304563, AI305531, AI340455, AI289698, AI308405, AI340774, AI265747, AI345465, AI318504, AA652611, AI334506, AA771828, AA565904, R27668, N44104, AL133622, AC022517</p> <p>AI189170, AI140760, AI082054, AI056396, AI806807, AI582184, AA633205, AW025195, AW275805, AW189136, AA625324, AL036912, AI222729, AI452692, AA552219, AI590588, AA583468, AA854329, AI539505, AA552105, AI089275, AA653511, AI144455, AA936283, AA610340, AA937207, AA002237, AA988860, AW263737, AI131254, AI077899, AI969240, AA534694, W44513, AI084736, AI991229, AA622094, W60528, AI798548, AI032319, AA857029, N36884, AI827095, AW029620, W47626, AW264733, H27046, AA127706, AI971593, AW015948, AI656611, AA973131, AI474331, AA324936, AA912436, AW082992, AI685757, AW261981, AA610405, N46156, AI675487, AI306698, R09550, AA883359, AA148736, W92729, AI886717, R09663, AA631431, AI640181, AA916173, AA911544, AA878663, N27966, AA305833, AI608651, AA127753, T88994, AA002076, W80465, AI244504, AA586688, W47627, AA148737, AI377097, AI620793, AW337660, AI074163, AI095400, AA640164, AI190720, AI131546, H30335, AI222679, AA722231, AA128572, AI093461, W21407, R26714, AA506117, AA313017, AI027221, AI908464, H30272, AW374920, W44514, AI202426, AA128275, AI215590, R26937, AI908463, AI383283, AA419078, AI925207, AW170302, AA329758, AA622089, AA423819, W92753, T68487, AW028728, AA974873, N93575, AA149497, T68420, W80574, AI459069, AA099290, AI951076, AW264825, AA358247, AA371034, AI222917,</p>
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	AA701110, W56215, H28228, AI564572, N59591, AA099291, AI003903, T88923, AL039390, AL045166, AI890907, AL046681, AL046137, AL042551, AI255048, AI251945, AI252520, AI251411, AI620284, AI366900, AI539260, AI249936, W20435, AI273179, AI582910, AL045979, AA954134, AW172723, AI570807, AA928539, AI360195, AI432644, AI433157, AW151136, AI866691, AI539771, AI537677, AI494201, AI500659, AI815232, AI801325, AI500523, AW151132, AI582932, AI923989, AI284517, AI500706, AI431307, AI445237, AI491776, AW151138, AI440238, AI583578, AI889189, AI521560, AI500662, AI446536, AI284509, AI431316, AI889168, AI927233, AI866573, AI633493, AI434256, AI805769, AI888661, AI284513, AI888118, AI889147, AI440252, AW172745, AI274759, AI436429, AI371228, AI926593, AI866786, AI610557, AI554821, AI611743, AI889148, AI355126, AI648567, AI690946, AI561170, AI432666, AI285417, AI804505, AI866465, AI538850, AI887775, AI590043, AI872423, AW151970, AI289791, AI539800, AI582912, AI860003, AI538885, AI440263, AW130362, AI860027, AI866469, AI434242, AI500714, AI285439, AI859991, AI355779, AI623736, AI581033, AI491710, AI475806, D79206, D13292, X67016, AL021578, AL137538, AF185614, I89947, AL133084, A93350, AL117416, AL133619, AF038847, AL049423, AF141289, AL133049, AC004213, A65340, U30290, AF044221, AF013249, I48978, U57352, AF004162, Y14634, Y10655, AF100931, AF044323, AL133070, A08910, A08909, A32826, A32827, A77033, A77035, AL080159, AL117435, AL137550, X66417, I29004, AL133067, X82434, A86558, AL137271, AF124728, I09499,

	U73682, AL110280, AR050959, AL050024, E12579, A03736, M19658, AF026816, A18777, AL133053, AL050138, AR029580, E01573, E02319, AL137459, A08913, AF061795, AF151685, A27171, X62773, Z97214, AL133112, AR038854, AL137463, AL137254, AF113677, Y14314, X99226, L24896, AL122049, AF097996, AF076633, E12580, AF090886, A10352, AL050149, I66342, AF104032, A58524, S78214, A58523, AF069506, AF090903, AF039138, AF039137, AL133568, AL137294, AL050393, AJ005690, AF002985, X66862, AF087943, AL137530, Z82022, I46765, AL110221, S83440, AR034821, AL133031, X57961, AL133080, AL122106, AF026124, AL137533, U80742, E02221, AL049347, I89931, AF114170, AF017437, AL117587, X83544, AF183393, U88966, I49625, AF013214, A08908, Y10823, A65341, E03671, I33392, AL049382, AF031147, A08912, S77771, AL133016, U35846, A08911, AF055917, A30330, A30331, A08907, L04849, L04852, A07588, AL137560, E01314, E01614, E13364, AF043642, I00734, AL133062, AL049283, U58996, E00617, E00717, E00778, AF199027, AL137521, S76508, AF102578, I48979, X97332, AF091084, AL049938, D44497, Z13966, AL117460, I17544, Y09972, AL049466, AL049452, J05277, AR020905, AF090934, AL050172, AL050280, U37359, L13297, AL122110, AF113019, AL137283, AF119336, S63521, X79812, AL049426, AL122050, AL133645, AF017790, AL137281, AF047443, I73428, AL096744, E06743, I68732, AL133665, AL137539, AF215669, Y13350, AL133640, AF162782, AF126488, AL122101, I32738, X65873, AL137548, AL137480, X72889, AR011880, AL137488, X66871, AF017152, AF067728, AF200464, AF079763, AF177401, S68736, AL137658, AC004383, Y07905, X93495, I89934, AF00167, AL137627, A92311, AR068753, Y10080, AL137478, AF131821,

277	HLTER57	831268	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 766 of SEQ ID NO:277, b is an integer of 15 to 780, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:277, and where b is greater than or equal to a + 14.</p>	<p>AB007812, AL133075, X06146, AF026008, AF125948, AL133077, AF195092, AL133015, AL133608, AF090901, AF008439, AF182215, E07361, A15345, I80062, U92992</p> <p>H08565, AA446090, H05864, R21086, W05808, R19798, AI262167, AJ236581</p>
278	HAPOAS9	831307	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2361 of SEQ ID NO:278, b is an integer of 15 to 2375, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:278, and where b is greater than or equal to a + 14.</p>	<p>AI828094, AA314161, AA444370, AI986034, AI768472, AW129954, AA039651, AA444378, AA025822, AA039602, AI125818, AA432284, AI376215, AA931215, AA992138, AI352529, AI500209, AI361672, AA314888, AI005214, AI675983, AA070015, H96476, AA977410, T78443, AI086891, AA515679, AI249434, AA447097, AI274337, AA428629, AA833996, AI681656, AA082507, AA227125, R37636, AW250600, AI687052, AI358677, H96957, T91051, AW248442, T60627, R39054, R55955, AA069905, AA342067, R41926, T78356, T78507, AW247353, T85913, AI589713, AA102550, AA661692, AA342066, AW275380, AA102201, AW273693, AA384787, T87442, T83773, T81646</p>
279	HAGDZ30	831313	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>AI971257, AI810067, AI922196, AW195330, AI207838, AI346751, AW073373, AI891081, AI672451, AI573282, AI870222, AI381534, AI685727, AI627992, AW360985, AI784604, AI950829, AI885957, AI925643, AI962991,</p>

<p>is any integer between 1 to 2447 of SEQ ID NO:279, b is an integer of 15 to 2461, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:279, and where b is greater than or equal to a + 14.</p>	<p>AI017462, AI925005, AI634947, AI697419, AW316704, AA442759, AI248184, AI801820, AA477579, AI982678, AI972075, AI453821, AI701954, AW276098, AI460284, AA878863, AI570388, AI800205, AA922678, AI005625, AA576407, AI469437, AI261318, AA947992, AI799500, AI624670, AI610837, AI985773, AA746085, AW022137, AA583463, AA566089, AA507952, AA429721, N23773, AI537788, AI373585, AA837997, AI074096, AA496403, N67917, AA887178, AA985597, AI954543, AI278945, AI356974, AW243755, AW022260, AW022208, AW020000, AI348684, AA617991, AI630329, AI537593, H30122, AA777812, AA844283, AI244382, N66497, AA864382, AA757380, N23726, AI857753, AI479529, D57403, H12271, D57829, N68137, AA631437, AA937471, D57395, H63166, AW118330, H27631, R79476, D58166, W95944, AW021706, D58096, AW021936, AA618186, D57778, N23730, D57449, T27640, D57757, D57518, D57468, AI678887, D58277, AA485546, AA370325, AA370328, R31511, H71003, D57539, AI473546, AA493243, D56571, D58108, D56610, AA428720, D58060, AA280404, C18106, D56935, AA470397, D57742, D57851, R33906, D58148, D56648, R12840, D56986, D58184, D56616, D56702, AI559806, D57023, AI274663, R84834, C03207, R33921, D57041, R74449, AA379680, D56928, D57514, D57990, AA362156, AI858769, D56521, D57591, N52416, N73801, D56925, D56746, D57750, D56749, D56718, R13148, D57601, AI568829, D56874, D56992, D56987, D45546, D57323, D57464, D56637, D58078, AA018712, R44148, D56849, R74350, D57377, AA579200, C17030, F01435, D56757, D56803, AI280320, AA366924, H95636, D57268, AI167153, T97774, D58151, T09381, D56640, R79209, R32943, D57772,</p>
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280	HKLRB18	831386	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2506 of SEQ ID NO:280, b is an integer of 15 to 2520, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:280, and where b is greater than or equal to a + 14.</p>	D58124, AI282416, D57744, AW337322, AW363528, D58202, H27458, D57391, T29278, AA020879, AI301362, AI129191, D57691, D57945, AA284642, D56934, D57715, F01912, R37053, AA371089, AA019561, D58070, AA174191, AI621168, H71015, D57599, D57934, AW023216, AA335648, AA295986, D57730, AA485387, N99428, AI933993, R20750, T16515, H70918, H27552, AI675794, AA515358, AA434146, R10215, AA351062, H83387, N72823, R49879, W74572, R40628, T61093, AA047740, AF111167, K00650, I96207, AJ132510, AF061881, V00727, J00370, X06769, V01184, AB022276, M37000, M18043, AF033012, AB020214, S60557, D12551, I24430, AL133607, AL122101, AL133053, AL133049, AL133655, U30290, E13998, AL133076, AL133084, AR055519, AL022723, AL133070, AL049423, AL133051, AR015970, AL133608, AF113691, S65140, AL133074, AL133015, AL133113, AF094480, AL137658, AF002985, AR034821, AC004213, AC003686, AL122049, I06996, AL110296, AF010191, E13052 AL048386, AA446539, AW027333, AA446357, AW027211, AI123421, AW117569, AI095892, AL049150, AA179402, AA179403, AA687603, AA195216, AA122080, AI379659, AA232623, AI224508, AI367033, AA122081, AA688008, AI127981, N98419, AA449853, AA151588, AA195322, AW451411, W30707, AW152674, AI685218, AA232570, AA036798, AA449815, N34511, AI373125, C04227, W31245, T60077, C16396, AA663730, AI085125, D62863, AW451576, N47745, H79889, AA088603, W25518, D62090, D61783, W19311, AA343562, AA029086, N91811, C16383, D63027, D62827, T90437, D63070, AI685013, T90343, AA149451, N88273, AA376102, AA090694, T60112, H77318, AA249480, D62310, H79796, AA343561, H77317,
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281	HKGDF04	831390	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1434 of SEQ ID NO:281, b is an integer of 15 to 1448, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:281, and where b is greater than or equal to a + 14.</p>	D62620, D62253, D62342, AI381727, C04681, AA336504, AA548790, AA095105, AA029085, AA248394 AI375876, AI962881, AW005401, AW192651, AW157520, AA573848, AA773003, AI200002, AI360197, AA489763, AI819605, AA485793, AA626415, AW163318, AA487345, AA516109, AI334418, AI336290, W44353, AI333850, AI278013, AI190652, AA487171, AA648788, D55857, AA428909, AA487535, AA491479, AI343767, AA988779, AI094917, AI370921, AA574063, AA456307, AA491478, AI276934, AA099092, AI624969, AA213720, AA216580, AA564545, N25973, AI298986, AA099015, AA226943, AA487324, AW071946, AI318107, AI624951, AI563934, AI469018, AI086775, AI361095, AA218542, AI302640, AI378961, N28794, AI080730, H13340, AA505107, AA418898, W45706, AA837985, AI378911, AA313589, AW078972, W74523, AA564596, AI351658, AI032017, AA487536, AI183843, AA973883, AI751152, AI680507, W79862, AA456705, R94685, AA604182, AI150992, AA411839, AA769351, AA831679, AA485083, AA834509, AI264483, AI874117, AA617946, W24010, AW191038, AA504968, AI262813, AI077658, AI244942, R45288, N62205, N36603, R94686, R85229, AA307241, AA216590, AA074933, AA593080, AI273811, AA418897, AA485195, AA226935, T53890, AI184380, AA033566, H52125, AA491307, N41703, AA218541, H71328, H17537, AA318002, AA330733, H71376, T16712, AA167137, AA862989, D53829, AA129588, N76503, T81546, N63213, AA363516, AI742754, R21066, AA377768, AA889482, AA100911, AA227051, AA227045, R46246, AA564530, AA300777, AI872734, AA371799, AI193134, N30891, AA100315, C20972, AI751151, H30523, AI000171, AA996021, AA627402, AA506087, AI751326, R94643, AA643349, AA525370, N88026,
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282	HKAJZ24	831426	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 813 of SEQ ID NO:282, b is an integer of 15 to 827, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:282, and where b is greater than or equal to a + 14.</p>	<p>R72654, T81973, AA219135, AA723218, AA299440, AA873602, W37206, H52010, AA862394, H30288, AA704651, T27586, AA195596, AA034468, AA090940, AA194961, AA296622, AA809830, AA340098, R85230, AA258953, AI269884, R72732, AA219518, AI277909, W52126, H28095, AA974789, AA213719, AA471326, R20470, AI751325, AA112912, T54037, AA828191, AA339713, R94642, J04794, U46064, D10854, AF112485, AF060820, AF036682, AF112482, AF036681, AF036683, AF036680, AF112484</p> <p>AA373809, AF154107, AJ245539, AF049344</p>
283	HWLJE49	831453	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 510 of SEQ ID NO:283, b is an integer of 15 to 524, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:283, and where b is greater than or equal to a + 14.</p>	<p>AI887549, AI076353, AA806402, AI682046, AI188649, AI144531, AI149488, AL048205, AW277103, AI612881, AI761676, AI299022, AI270732, AA308274, AW005575, AI302970, AI748792, AI832372, AI342462, AW304345, AI917533, AA308142, AI270352, AA315030, AA314014, AI720893, AA181838, AI370898, AA314940, AI735477, AA316359, AA582161, AA313264, AA316330, AW338556, AW054848, AW270408, AA316482, AL048204, AA128653, AA622771, AA708600, AA316966, AA552413, AA316871, F20821, AA316230, AA059344, AA608518, AA778388, F22738, AI735055, W42494, AA314690, AA186781, N57485, AA316119, AA151389, AA188023,</p>

	AA315181, AI571338, AA308375, AA501758, AW084031, AI686866, AW151692, AI215740, AA315858, AI720163, AA622853, AI911854, AI493715, AA186572, AI566835, AI832383, AA314578, AI366934, AA972504, AA128640, AA525827, AA128773, AA085915, AI348494, AI365423, AA315026, AA603482, AA100923, AA316175, AI131330, AI750155, AW152644, AI805579, AA308360, AA314770, AW273529, AA433942, AA316292, AI189776, AI828326, AA622714, AA731831, AI635850, AW269457, N90290, AI832624, AA496683, AA152205, AA315287, AW271995, AA157114, AI927800, AA186785, AA625916, AA508592, AA285319, AI859361, AA100249, AA187300, AI081408, AA873184, AW268506, AA102595, AA148426, AI079753, AI610890, AA315876, AW080650, AA148425, AI200434, F26435, AA128843, AI052465, AA082690, AA081048, AA430038, AA583272, AI831094, AW297172, AA082642, AI832611, AA593739, AA188009, AW083676, AA504053, AA768590, T28002, AI573293, AA554103, AA879086, AA582331, AA303876, F31804, AA157398, AA448385, N47631, AA515914, AI749485, AA502855, AA661629, AA430247, AA374002, AA525806, W32501, AI936707, N98968, AW019905, AA554114, AI886460, H43821, AA191451, AW264981, N69844, AA295733, W37171, AW020640, AA804819, AW022481, AA074400, AA448388, AA317837, AA101159, AW264650, AI832279, N69829, AA316794, AA309060, F36681, AA281995, AI832592, AA315201, AI185444, AW188862, AW276985, N98592, AA315641, AA299617, AA307588, AA302405, AA147961, AA303860, T59320, AI904281, AW264976, AI873743, AA303991, D56856, AW270689, AA188014, AA328253, AA318077, AA148024, AA551489, AA280593, AA602048,

	AA299787, AA318098, AA345331, AI185476, AA129252, AA040884, AA349074, AI832892, T57654, AA320182, AA863388, AA315397, AA384594, AI824703, AA302465, T67495, AL036308, D59050, AA327552, AA665430, AA157202, AA040885, AI301784, AA858247, AA962387, AA366642, AA516232, AW190774, AA569072, AW270486, AA001276, AA357392, F21204, AA070176, AA313067, AA095884, M14300, M18981, J02763, X66449, M37761, X52278, D10885, U31867, AJ132717, U76365, U04815, X05699, AB031064, I89947, I48979, AF090900, AF090903, AF113019, AL110221, AL049314, AF118070, AF111851, A08916, AL050149, I89931, AL122050, S68736, S78214, AL133640, I48978, U42766, AF017152, AF090934, AF113677, AF113699, AL133075, AL050277, AF113694, AL110196, AL050116, A08913, AL133557, AL133016, AL049452, AF106862, AL050393, AL122123, Y11254, AJ242859, AL117457, L31396, L31397, AF090901, AF113689, Y11587, AR059958, AL117460, X84990, AF090943, AL050108, Y16645, AF078844, AF113690, AF118064, AL080060, AF090896, AJ000937, AF113676, AL137527, AF091084, A93016, AF158248, AL137550, AF113691, AL080124, AL049938, AF113013, AL133565, AF104032, AB019565, AL122121, AL049466, AF125949, AL050146, AL133606, AL122093, E03348, AL133093, AL080137, AL133560, AL137557, AL096744, X82434, AF146568, AL137283, E07361, AL133080, AF079765, AL137459, AF125948, X63574, AL110225, AL117394, AF017437, AL049300, E02349, I49625, AF177401, AL050138, U91329, A65341, E07108, AR011880, A08910, A77033, A77035, AF061943, AL050024, A08912, AL049382, AL133113, AL049464, AL117583, AF183393, AJ238278, AF097996, AL117585, AF067728, I03321, AL117435, AL049430, A08909,

284	HJPAU37	831465	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 599 of SEQ ID NO:284, b is an integer of 15 to 613, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:284, and where b is greater than or equal to a + 14.</p>	<p>AF118094, A58524, A58523, U00763, X70685, Z82022, AL122098, AL137271, X65873, U35846, X96540, I33392, A03736, AL137648, AL137538, A12297, AL122110, AL137463, AL137523, AF000145, U72620, X72889, AL049283, U80742, AL133072, AF087943, AL080159, AL080127, X98834, AL133568, I09360, X93495, AC006336, S61953, A93350, AF061981, AF026124, U67958, I42402, AL050172, AL110197, AJ012755, A08911, Y09972, AC007390, I66342, AL137521, AF111112, AC002467, E08263, E08264, AL117432, E15569, AL137526, AC004690, AL122049, AL137560, I17767, AR013797, I26207, AF095901, Z72491, AF026816, E05822, AF119337, AR000496, U39656, Z37987, AC006112, A07647, AF185576, AC004200, AF153205, U02567, AR038969, Y14314, AF057300, AF057299, AL110280, I00734, Y07905, M30514, E00617, E00717, E00778, AL122118, AL133104, AL133067, U96683, AL133077, AF081197, U49908, X57961, AR038854, AF079763, AL133014, AL035067, AL137479, AL137476, AF100931, AF111849, E12747, AL122111</p> <p>AA195680, AL119569, AW170124, D80038, D59275, D59467, C14331, D80227, C14389, D80195, D51799, D80164, D59502, D80269, D58283, C15076, D59859, D80022, D80166, D81030, D51423, D59619, D80210, D80391, D80240, D80253, D80043, D59787, D80378, D80212, D50979, D80193, D80196, D80188, D80219, D59927, D57483, AA305578, D80366, C14429, D59610, D50995, AA305409, D59889, D80024, D80045, D80241, D51060, T03269, D51022, AW178893, AW179328, AA195735, C75259, AW177440, C14014, AA514188, AW378532, D80134, D81026, AW178775, D80251, AW369651, D80248, D59695, D52291, AW178762, D51250, F13647, C05695, D80522, AW352158, D58253, D81111, AW177501, AI910186, AW177511, AA514186, D80133, AW360811,</p>
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	D80168, C14227, C14407, AW352117, C14298, AI905856, AW176467, AW375405, D80064, D80268, AW377671, D80132, AW179023, AW366296, AW360844, AW360817, AW375406, AW352170, AW378534, AW179332, AW377672, AW178905, AW378540, Z21582, D80302, AW352171, D80439, AW377676, AW178906, AW177731, AW178907, AW179019, AW179024, D59373, D80247, AW177505, AW360834, AW179020, AW360841, AW178909, AW177456, AW179329, AA285331, AW352174, AW178980, AW177733, AW378528, AW178908, AW178754, AW179018, D51097, AI557751, D51103, T11417, AW179004, AW179012, AW178914, AW378525, AW367967, D80157, AW177722, AW177728, AW179009, D51759, AW178774, AW178911, AW378543, AW352163, D58246, D59503, D59627, AW178983, AW352120, C06015, AW178781, T48593, D58101, D80014, AI535850, AI525920, D80258, AW177723, D45260, D59653, AW177508, C14975, T03116, AW378533, AW178986, AI557774, AW367950, AA809122, H67854, C03092, AW378539, AW177497, D51213, H67866, AI525923, D59317, D45273, C14344, D80228, D60214, T02974, D59551, AW177734, AI525917, C14973, AI535686, D51221, D59474, D60010, T03048, AA514184, AI525227, AI525235, C14957, AI525242, C14046, Z33452, AI525925, AI525912, AI525237, AI535961, AW378542, AI525215, AI525974, C16955, C05763, T02868, AB014600, AF038848, L38622, I41147, U44125, A84916, AJ132110, AR018138, A62300, A62298, X67155, Y17188, D26022, A25909, AF058696, A67220, D89785, A78862, D34614, AR008278, AB028859, D88547, I82448, X82626, Y12724, AR025207, AR060385, A82595, A94995, AB002449, AB012117, AR016808, AR008443, AR066482, X68127, A85396, A44171, I50126, I50132, I50128, I50133, A85477, I19525, A86792,

285	HHGCU20	831558	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 519 of SEQ ID NO:285, b is an integer of 15 to 533, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:285, and where b is greater than or equal to a + 14.</p>	<p>U87250, AR066488, X93549, AR016514, AR060138, A45456, A26615, AR052274, Y09669, A43192, A43190, AR038669, AR066490, AR066487, I14842, A30438, I18367, D88507, AR054175, D50010, Y17187, A63261, X64588, I79511, AR008277, AR008281, AR008408, AR062872, A70867, AF135125, AR016691, AR016690, U46128, D13509, A64136, A68321, AR060133, U87247, AB033111, U79457, Z82022, AF123263, AR032065, AR060382, X93535, AR008382</p> <p>AA142858, AA314199, AW007218, AI500207, F22165, AI583241, AA630401, AI563924, AA975000, AA056029, AI241216, W57917, AA448763, AW051788, AI734878, AA708925, AA448666, AI015250, W57916, AI871374, F36633, AA933045, AA304316, AA469104, AA452900, AA372713, F33453, AA868287, AA728846, AW148299, F27183, AA662867, AA090265, F32178, AI884732, H60157, AI239551, AA665372, AI138861, AA372977, AI138860, F17890, AA296006, AI688888, AA321626, AW072540, AI033079, AI810256, AA699948, AA954271, AI032505, W73860, AI598252, AL041736, AA056047, AA211887, AA659257, F23448, AF086234</p> <p>AA576724, AI951349, AW276552, AI799029, AI057643, AI568537, AA873296, AI554257, AW087661, AI769757, AI142833, AI127845, W28742, AA780723, AI638174, AI912689, AI658631, AW086195, AI167140, AI206353, AA259106, AA970724, W56511, AA579551, AA188109, AW291685, W56792, AA572670, W27270, AI086331, AA187981, AA744362, AA908223, N72247, AA148569, AI907261, AA836315, AA070705, AI991698, AI051485, AW087493, AI608827, AI973021, AA679026, H82465, W00535, AA469314, AI818538, AI084100, AW242896, AI825014, AA988475, R90908, R90907, C14842, W26147, AA070171, AA480554, AA345393, AW119010,</p>
286	HHEDO80	831586	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2057 of SEQ ID NO:286, b is an integer of 15 to 2071, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:286, and where b is greater than or equal to a + 14.</p>	

287	HFPCL40	831664	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1952 of SEQ ID NO:287, b is an integer of 15 to 1966, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:287, and where b is greater than or equal to a + 14.</p>	<p>AI700169, AW391446, T70182, AA972234, AA150194, AW361167, C00131, AF179867, AF181985, AF161373</p> <p>AW177931, AW177992, AW178009, AW178005, AW177951, AW177936, AW177995, AW177944, AW178048, AW178041, AA629950, AW411051, AL044016, AW389833, AW178010, AW177957, AA3113828, AW402582, AW178054, AW249093, AW178051, AW387276, AA316196, AA248372, AW365209, AW389842, AW366059, AA315172, AL036393, W22056, AW178057, AW177930, AW408385, W28494, H10496, AW178152, AW020594, AW177948, AW239147, W28198, AA214700, AW177935, AA317849, AI095942, H13039, AA333291, AW374620, AL039058, AW389844, AW403352, W93157, R35205, AA332154, H86174, AA355654, AA312906, AW368020, AW365144, AI375999, AA309928, AA186436, F08488, AA306961, AI833050, AA337701, W25833, AA090436, AA227246, D58615, AA333816, AW391917, R21449, AA336724, AA089667, AA349155, T03891, AA151442, AA373046, AW376986, T10989, AW366433, AA355970, AW376880, AW270181, AW376885, AA630406, AL043392, AW366437, R84255, AI695839, AA670156, AA089530, AL043393, AW367419, AW381606, N83917, AA838204, AW367460, AW131317, AA248210, AI572805, W38847, AI807613, AI306439, AA425191, AA779317, AW341512, AA248507, N43782, N73217, H87431, F07829, AA188774, AA356713, T11035, AA618166, W24589, AA452668, AA877770, AW239547, AA476256, AA432304, R57428, AW071739, AA218791, AI479802, T29322, AI962926, AI798718, AW440962, AI560836, AW265593, AA779688, AA776281, AI002315, AA037670, AA676215, AI342739, AA702021, N71253, W85697, R58183, AW367513, AI927436, AI983754, AI983744, AW375978, AA093661, AA226170, N89002, AA654291, AW264121, AA658889, AA946753, AI620728, AA377112, C21247, T95354, AA460053,</p>
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288	HFKHD75	831687	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 855 of SEQ ID NO:288, b is an integer of 15 to 869, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:288, and where b is greater than or equal to a + 14.</p>	<p>W01599, AW028226, AA877791, S74678, X72727, AJ003024, D17711, E05038, E05039, L29769, L31961, AC005611, U37146, AR020747</p> <p>AI749850, AI554799, AA600829, AI951254, AA976473, AW172576, AI380416, AA744708, AI423039, AW337528, AI275427, AI278487, AI375358, AW388269, AI097658, N31054, AI827750, AA430556, AI970461, AA292161, AI074843, AI925082, R55046, AA464953, N48001, AA456814, AI378059, AA426224, AI887084, AI040277, T49489, R05976, AA292061, AI439286, T28789, N21648, AW129965, AI356124, AI950599, AA747361, W45727, AW388332, AA303438, AI350957, AA625062, AA360274, AA436267, AI250286, T24476, W44375, N51208, AA304386, AA346730, X76538, AF038633, M36411, AF088036, S68430, S68419, S68420, S68417, S68422, X76228, AL035458</p> <p>AA366787, H95748, AA348593, AA383923, AW380725</p>
289	HFIHX78	831703	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1091 of SEQ ID NO:289, b is an integer of 15 to 1105, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:289, and where b is greater than or equal to a + 14.</p>	
290	HETIK68	831753	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1968 of SEQ ID NO:290, b is an integer of</p>	<p>AI343269, AI522020, AI982924, AW015045, AW338033, AI766246, AI522310, AI797000, AI675580, AI420342, AI693386, AI800024, AI038428, AI687558, AI697010, AW016374, AW013962, AI348530, AW300181, AI026086, AW264243, AA595361, AA975312, AA632562, W15339, AW264340, AW166209, W39430, AA173430, AI270122,</p>



291	HETBE76	831757	<p>15 to 1982, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:290, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2315 of SEQ ID NO:291, b is an integer of 15 to 2329, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:291, and where b is greater than or equal to a + 14.</p>	<p>R69647, AA378018, AA988648, AA337255, AA173325, AA578298, D79753, AA854488, AW391415, AI521805, AL080078</p> <p>AI948513, AI521842, AA861608, AA776729, AA873727, AA121732, AI767604, AI478638, AL120570, AI804513, AI809848, AI201912, AA424780, AA424912, AA928716, AI829579, AI127051, AA722575, AI951252, AI871780, AI738557, AA831723, AI589519, AI081106, AI659119, AI580790, AI762200, AA495898, AA933959, AI262851, N92454, AI017186, AW009228, AI986286, AI356876, R84784, AI367115, AA938671, AI656123, AI076614, AA425006, AI632518, AI244294, AW274173, AI311920, AI278760, AW451998, AA747686, AI086329, AI371182, AA121753, AA923398, AI079714, AW075545, AW451372, AI963974, AI698056, AW237762, H67632, N94534, AI239768, AA766879, AW005601, AW025755, AI917272, AA912765, AI651534, N45128, AA827193, AI096514, AI208452, AI537524, AW105081, AI652940, AI079379, AA960757, AA514274, AA127511, AW242371, AI825015, AI659303, AI623094, R64666, W47415, AA514214, AA316649, AI864198, AI738944, AA505293, AI291664, AI334291, AW243120, AA483626, H85019, AI972892, W30808, AI263240, AI801914, AA564775, AA969679, AI968461, AW020691, AI635568, AI633216, AI913368, D81257, AA909613, D81807, AW104483, R61801, R61078, AA365034, AI498647, AI685876, AA361272, T35972, AA635701, AA151431, AA069660, AA780155, AI611030, Z45934, AI371535, R64667, AA337758, R22587, D11574, D11588, AA019311, AA047379, AW328736, AA309039, AI867996, AI355448, AW008000, AI817592, AI110736, D12413,</p>
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292	HTXOJ32	8311795	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2410 of SEQ ID NO:292, b is an integer of 15 to 2424, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:292, and where b is greater than or equal to a + 14.</p>	AA151547, AI383311, Z41551, R71994, R83483, AA091995, AA127608, AI561277, R21939, AA630062, D67015, L38951, AC004941, AC004543, D45836, AC007277 AA192516, AW372699, AW361629, AW361621, AW361620, AW372702, AI926736, AW372703, AW057708, AA722810, AA922840, AA471025, AA857014, AW007645, AA936150, AA192445, AI458792, AI356221, AI913433, AA937586, AI679232, AW073422, AI074142, AW167774, AI453180, AA027267, AI572020, AI679876, AA584369, AI380657, AI435177, AA658242, R72389, AI907912, AA311435, AA027268, AA031594, T17253, AA687196, AA937691, AI829199, W52226, AA507314, AW083528, AA031762, AA100275, AW193144, T33867, AI620696, T33324, T17185, AI926994, AI802227, H14512, AA042902, T10307, H14511, AI187756, F11772, AI536694, T10306, AI913782, AA088594, AW196728, AW190217, AI571683, AA354015, T17254, AW009741, AA6311319, AA604589, AA551439, AI932537, AA506901, AA654790, H50898, T10358, F28812, AA053251, AI866301, AI570087, AA532846, AA937692, AA099802, AI674386, T10359, T30903, AI872591, AW137528, AI446289, H52737, T33868, Z41051, T54570, F09427, T33325, T31489, AA290790, Z42387, AA284982, AA464401, Z45340, T54531, F01898, AA053640, AA455519, AI199423, AI811000, AA042970, T12291, AW372707, AA248135, AA081064, F37185, AW372710, AL035541 AL044584, AL138248, D80585, AL044585, AA393394, AA314281, H14891, AI672787, T27240, AW068307, AA398732, Z45847, F08323, T30804, W74005, AA322586, AA453329, AI358870, Z42244, W38434, AI096496, AI159851, AI380153, W39773, AA623010, AA679523, AI859011, R36507, AI049868, AB002357, D26077
293	HE9RY54	8311796	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2146 of SEQ ID NO:293, b is an integer of</p>	

294	HE6FT69	831880	<p>15 to 2160, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:293, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1243 of SEQ ID NO:294, b is an integer of 15 to 1257, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:294, and where b is greater than or equal to a + 14.</p>	<p>AI627719, AI826337, AI913298, AA699666, AA454977, AI825805, AI379649, AW005373, AI955641, AI367634, AI291537, AI659915, AA070635, AI677774, AI264352, AI887760, AI086065, AI333336, AI560197, AA406386, AI857738, AA236418, AA495959, AA625605, AI972154, AA424977, AA935797, AI168710, AA470765, AW131182, N20988, AI273300, AA160768, AA454976, H98003, AA745064, AI301060, AI342746, N31500, H25929, AI334298, AA907224, AI379938, AI969710, AI079943, AI866267, H97409, AA236419, AI083917, AI631334, AA662723, AI963568, R70434, AA487990, AI333786, AI025991, AI866937, AA524428, AA570574, AI384106, AI357917, T89945, H27635, AA976544, AI859227, N33359, AA506478, AI986277, AI536570, AA886569, AI872689, AI453471, AI920796, H85511, AA224948, AA528058, AA366910, AA916373, T63999, AI381673, AI674289, N31501, AI810445, AA487879, AA444084, T89310, AA887172, H25953, AA327082, AI701276, AW369732, AA587438, AI380737, AA74267, AI868865, T64077, AA160767, AA406499, D45747</p>
295	HDTBQ51	831899	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1103 of SEQ ID NO:295, b is an integer of 15 to 1117, where both a and b correspond to the positions of</p>	<p>AI692892, AW444533, AA768390, AA806956, AI739449, AI275191, AA159048, AI633235, AW205678, AI872096, AF070552, U04709</p>

296	HDTAB33	831910	nucleotide residues shown in SEQ ID NO:295, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 454 of SEQ ID NO:296, b is an integer of 15 to 468, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:296, and where b is greater than or equal to a + 14.	AW298044, AI261259, AW295460, AI348190, AI659095, AI205524, AI867931
297	HLHGG05	831931	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 450 of SEQ ID NO:297, b is an integer of 15 to 464, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:297, and where b is greater than or equal to a + 14.	AI679679, AW137087, AW136632, AW206781, AW205573, AI754694, AW130004, AI679105, AW139508, AW150016, AI888670, AW057842, N30203, AA916365, AW151517, N71022, AW118009, R82627, N58950, T78608, AW438959, AI590913, R19380, T86923, R81518, H90128, T91814, R87682, R88833, R22580, T82210, AW087385, AI703398, AA219769, AI768901, AI245891, AI472294, AI380473, AA434119, AA808148, AA394131, AW025959, AI630809, AI139579, AI341162, AW002942, AA769217, AI073899, AA009743, AA778299, AA252824, AA492530, AI760740, AI917492, AA425341, AI023177, AI266192, AI038172, AA635944, AI524323, AI685900, AA678951, AI659184, AI206031, AW001102, AI971077, W67544, AA535554, W72549, AA640705, AA722564, R21930, AL045500, AI499463, AW303152, AI475371, AI469532, AW162071, AI436456, AI064830, AL121270, AI580190, AI608667, AI433976, AI433157, AL121365, AL040243, AL119748, AW071349, AL047042, AI440426, AI868831,

	AL047763, AW117882, AI500077, AI863014, AI349256, AL119049, AI567351, AL119791, AI275175, AI702406, AL135661, AI568870, AI687728, AA585422, AW268253, AI934036, AI620284, AW301409, AW089572, AI873731, AI969601, AI696846, AI815383, AI687376, AL036146, AI800433, AI538716, AI439087, AI349772, AL036802, AW103371, AI312152, AI285735, AI349937, AI679724, AW238730, AI686926, AI497733, AI349933, AL046849, AI282655, AL120736, AI349004, AI906328, AI343112, AL036396, AW074993, AI521012, AI349645, AI536685, AI659534, AI758437, AL036980, AW071417, AI440239, AI540832, AI609592, AW169653, AI583316, AI800453, AI281773, AI690751, AI500553, AI590128, AI866608, AW195957, AI818683, AI250293, AI673256, AI678302, AI687415, AI281779, AI597918, AW087445, AI613017, AI702433, AL038605, AI567632, AI920968, AI499393, AW274192, AI635461, AL120854, AI919058, AI340582, AL048871, AI699857, AI889203, AW068845, AI345735, AI564719, AI445432, AI625079, AI609331, AI500659, AA640779, AA613907, AI857296, AI498579, AL036759, AW148320, AI349614, AI366549, AI631107, AI909666, AI207510, AW080838, AI348897, AL036274, AI753683, AI249257, AI539771, AW235035, AI802542, AI597750, AI907070, AI499131, AI349598, AI282903, AI697137, AL038778, AW166645, AI340519, AL040169, AI612913, AW074869, AI633419, AI636456, AI690835, AI432229, AI568854, AI446606, AI800411, AL045903, AI921379, AI680113, AA572758, AI307466, AI568855, AI366991, AI866002, AW301300, AI343059, AI687375,

	AI969567, AL038779, AI492540, AI909662, AW167776, AI671679, AI635942, AI610307, AL047041, AI269696, AW302965, AI224992, AI874109, AI952114, X86018, I48979, AL117457, AL133016, AF113694, AF090900, AF090901, S68736, AF090934, AL133640, S78214, L31396, L31397, Y11587, AF118064, AF118070, AF104032, AL050393, AF078844, AL080060, AF090943, AJ242859, AF125949, AF113691, I89947, AL110221, AF090903, AL110196, AF106862, AL117460, AL137527, AF113690, A93016, AF113013, AF113676, AL049452, AL050146, AL133606, AL049938, AL133075, AR059958, U42766, A08916, AF113689, I89931, AL050116, AF090896, AL050149, AL122050, AL122093, AL050108, X84990, AB019565, AF113677, AL049314, AL133557, AL049466, AF113699, AL096744, A08913, AF097996, AL050277, AF017152, AF113019, AL133080, Y16645, AL080137, AL080124, AF146568, AL137283, AL133093, AL122123, AR011880, AL137459, I48978, E07361, Y11254, AL122121, E03348, AL133565, AF079765, AF158248, U91329, X63574, AL049430, AL137557, AF11851, AJ000937, AL050138, AF091084, AF125948, AL117394, X82434, AF017437, AL110225, AF177401, AL137550, I49625, AL049382, AL133560, U00763, AL117583, AL117585, E07108, AL122110, AJ238278, AL049300, E02349, X70685, A65341, AL117435, A08910, S61953, AL049464, AF067728, A08912, A03736, AF183393, AF118094, AL050024, AC006371, AC007390, AC002464, AL133113, U72620, Z82022, E05822, AJ012755, AL137648, AL137538, A08909, A58524, A58523, I33392, AL122098, AF091512, A77033, A77035, X65873, AL137271, AL12297, AC004686, U35846, AL035067, AL122049, AC004093, AC006336, AL137463, X96540, AL049283, AC002467, U95739, X72889, I03321, AF087943, AL080127,

298	HDPTH11	831942	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2616 of SEQ ID NO:298, b is an integer of 15 to 2630, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:298, and where b is greater than or equal to a + 14.</p>	<p>AF061943, AL022147, I66342, AL050172, AL110197, AL133072, U80742, AL096776, AC007392, U68387, AC004383, AC007172, AL078630, I09360, AC006039, AC005992, X93495, AL023657, AC007298, U67958, AL078602, I17767, X98834, AC009233, Y09972, AL137526, I42402, E08263, E08264, AL031346, AR013797, AL080159, AC005886, Z98036, AF026124, L13297, AF111112, AL133077, AL137523, AL137521, A93350, AL133067</p> <p>AI524826, AI628083, AA456561, AI554053, AI066556, AI478798, AI801476, AI807830, AA913477, AI424225, AA227589, AA625584, AI963182, AA576069, AI252762, AA070604, AA428503, AA235962, AI539101, AA419520, AA721024, AI357722, AA314319, AA310761, AA235961, AA888687, AA479915, AW300423, AA304968, AA912243, AI910898, AI521757, AI658537, AI000288, AI244242, AA304963, AI583529, AI950641, AI005178, AI254210, AA806032, H26906, AI688879, AA832031, AA081596, AA362983, R33476, AI382821, AA614062, R34012, AA652453, AA343918, AA355362, AA074345, AC004987, AC004884, AB017707, AJ388553, AJ012491</p> <p>AI668930, AI810530, AA310513, AA046953, AW104534, C06094, AA830127, AW134897, D31302, AA334151, R20723, AA333976, AA334725, AA263003, AA744752</p>
299	HDPLB15	831956	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1408 of SEQ ID NO:299, b is an integer of 15 to 1422, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:299, and where b is greater than or equal to a + 14.</p>	
300	HDAAQ89	832009	<p>Preferably excluded from the</p>	<p>AA833806, AA307557, AA583078</p>

301	HDFUB44	832010	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 539 of SEQ ID NO:300, b is an integer of 15 to 553, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:300, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 450 of SEQ ID NO:301, b is an integer of 15 to 464, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:301, and where b is greater than or equal to a + 14.</p>	AW338359, AL021808, AFO33199	
302	HGCOL40	832044	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2004 of SEQ ID NO:302, b is an integer of 15 to 2018, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:302, and where b is greater than or equal to a + 14.</p>	AI563913, AA911092, AW082122, AI290978, AW192658, AW080802, AW273044, AW273119, AW316974, AW087861, AA453922, AI740502, N57987, AW389665, AA564567, AA075127, AA780582, AA564564, AI023728, AI166711, AA862962, AW360773, AW239348, AA947598, AA151677, AA167069, AI334299, AA228145, AW360771, AI804065, AI567811, AI376069, AA435625, AA453416, R44983, AI093923, AA865356, AI160152, T56668, AI311660, AI865242, AI285104, AA074236, AI339696, AI086712, R52997, AI351650, AI168284, AA582151, AI084993, D83877, AA620392, AI346150, AA088708, H09885, AA582681, AI075185, AW023981,	



				AW362083, AA393301, AA121803, AI932640, AI084014, AA194182, AA041290, AW084458, AA773186, AA307214, AA872667, AW242061, T18873, AW360768, AA312621, T32483, N62197, AA075212, T15792, N76494, AA181608, AW378782, AA307379, H09799, T31958, AI126262, AW005425, AA350891, AI093346, AI126827, AI283346, AI358318, AW150695, AA216255, W78217, AA188478, AA527989, AI222552, AI474179, AA984408, AA613841, AI000072, R52998, AI933271, AA494525, AA314232, AA832393, AA430221, AW075218, AI499678, AW025048, AA634173, H06543, AA937359, T34192, AI264236, F13785, AA342668, T31974, AI933757, AW379080, AW198083, AA221037, AA369266, R20197, H24790, AA228036, AA521289, H06485, AW248001, AA194067, AA112359, AI093922, AI918381, AA221025, W02915, AW380169, R09616, T34869, AA247336, AI919378, AI630436, AA846987, AA336990, AA353782, AA601549, AA126288, AA557397, AW246236, AA075847, AA041323, AA926862, AI832938, AW376333, AA088793, AA866164, AA301226, AA151757, N71468, AA776490, AI525653, AI541056, AI525669, AI541048, D82348, D89976, U37436, D89514
303	HCRN173	832093	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 644 of SEQ ID NO:303, b is an integer of 15 to 658, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:303, and where b is greater than or equal to a + 14.</p>	

304	HODEY51	832138	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 657 of SEQ ID NO:304, b is an integer of 15 to 671, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:304, and where b is greater than or equal to a + 14.</p>	F11209, AB002330	<p>AL042631, AI742759, AA411200, AA843236, AI332935, AW088593, AI753548, AA430755, AI126216, AA883907, AI589054, AW129680, AI421403, AA809767, AI096900, AI090252, AI375660, AA975282, AW025613, AI696884, AA418825, AI276185, AI041886, AW023916, AA280663, AI184595, AI273487, AA418922, AA678806, AA599671, AI269876, AI121498, AA651902, AI422122, AW129568, AI610287, AW118017, AA074831, N67973, N80394, AA502148, AA938484, AA810852, AA467867, R62706, R78736, AA885009, H62109, AA832174, AA630340, AW006053, AA748880, AI334827, AA721278, AI355096, AI690078, C02375, T78202, AI865532, AI082521, D56859, Z24846, AA016055, T23983, AA256793, AA365109, D81573, AA911263, D80672, AI800354, AA364241, D81746, T31963, AW391245, T30091, AI537402, R63666, AA256472, N51659, AA360186, R37864, AA385537, H71558, AI886344, W33108, AI536011, R78737, W33107, AI537695, AA075097, AI535800, AA281049, AI929282, C15432, N50394, AA347987, AI916692, AI205878, H85870, AL119010, T24806, N83575, AA383937, AL042800, AF103804, U85258</p>
305	HFIHN81	832148	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1666 of SEQ ID NO:305, b is an integer of 15 to 1680, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:305, and where b is greater than or equal to a + 14.</p>		

306	HCQAI40	832187	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 768 of SEQ ID NO:306, b is an integer of 15 to 782, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:306, and where b is greater than or equal to a + 14.</p>	<p>AI458850, AW006118, AA935994, AA742431, AI830252, AA005342, AI076581, AI568411, AW068285, AA022765, AI362704, AI364382, AI032348, AA004292, AA022666, AI952553, AI819614, AW083306, AW392542, AI932463, AA743048, AW015161, AW269672, T95631, AW392527, AI673546, AI818204, AI804505, AI370383, AW129264, AI475331, AW262767, AI653402, AI446515, AI254814, AA831948, AW084097, AW168503, AW169604, AI918677, AW162189, AW411465, AI819545, AI473471, AA830821, AW026557, AI114703, AI298321, AI684116, AA640570, AI583533, AW196720, AW088903, AI633125, AI345415, AI696714, AA731026, AI568967, AI828239, AA070777, AI830024, AI620864, AI866469, AL079997, R06685, AI744268, AI540606, AI500061, AW297364, AI524179, N75779, AI241923, T69241, AW088697, AW238688, AI624529, AI521005, AI539800, AI469516, AI636507, AI963172, AI886181, AI684305, AI699020, AI678446, AI658566, AI887381, AI698391, AI538564, AI915291, AI870190, AW152182, AI288149, AI689614, AI619820, R20540, AI434731, AI690813, AI889189, AI473536, AW248417, AA587590, AW193911, AI804842, AI627360, AL120921, AW163834, AI884318, AI673140, AI432969, AI287252, AI470674, AI638644, AI370623, AI637584, AI635955, AI479292, AW083149, AI701097, AI500714, AI499570, AI697378, AI886321, AI521560, AW089844, AA732156, AI267185, AI873638, AI682798, AI926143, AI924713, AI811631, AI474137, AL046562, AI624239, AI433611, AW022856, AW020095, AI872423, AI590043, AW087812, AI345745, AW021178, AI524654, AA761557, AI865320, AI859464, AI758694, AL039276,</p>
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	AW191916, AI803816, AI500688, AI095003, AI362347, AI584130, AI678681, AI800648, AA805964, AI926147, AI879377, AW004606, AI863002, AW051088, AI523973, AI564432, AI621341, AI921092, AI612723, AI445829, AW080920, AI284013, AW188525, AW263569, AI801325, AI582932, AL043355, AA937566, N27632, AI421662, AW075382, AI699823, AL135545, AI857296, AW151451, AW083572, AI309306, AI927233, AI783997, AI962900, AI866419, AA808175, AI633419, AI619748, AI282967, AI499104, H89138, AW118496, AI620056, AI635634, AL048499, W45039, AI349482, AI434656, AI274655, AI583032, AI355779, AW025279, N21402, AI570056, AI868680, AI634345, AW194014, AI457369, AI678357, AI686589, AI688854, AI345347, AI648494, AI096771, AA641818, AI932966, W74529, AL046595, R10067, AI624475, AL042628, AW081383, AW103928, AI251221, AI627893, AI886355, AI701975, AW044386, AI909641, AI648699, AI285439, AI582966, T49776, AL039858, AI802244, AI422080, AI581033, AI500706, AI568060, AI803786, AI435641, AI628325, AW083775, D63485, AB026995, AL133010, AI5345, AF167995, AF047716, AF199027, D44497, AF137367, AL137548, U36585, AL137476, X53587, AF067728, AF082324, AL080159, I89947, AF013214, E03348, E03349, A08913, AF090903, U49434, AL080148, D83032, AR050959, AF106697, A08912, A08911, AF016271, S69510, U35846, AF124435, AR038854, E12747, A07588, AL117578, S76508, E01314, AF169154, X57084, U92992, A76337, AF118092, AF199509, A08910, A08909, AF215669, AL080146, AF076633, AL137711, AF081571, A08907, AF067790, A08908, AF115410, AR022283, A70386, X98066, X82434, X79812, A65341, AL117460, E12580, AL122100, I48978,

	AL117443, AF032666, AF080068, AR029490, AL133062, AF008439, AR068466, AF115392, AL133084, AF119336, AL117587, E12806, X75295, S73498, AL137284, S77771, I32738, E02221, Z97214, Y16645, AL133070, AL137538, AB007812, E00984, I04527, A45787, A52563, AL137292, AL080074, A18777, AF126488, AF110417, AL133014, AF185576, Y00093, AL080118, Y11435, AF119337, S83456, AJ131955, A65340, AL133557, AF026124, S83440, AF002672, AF116573, AF055917, AL137550, AR053103, AJ001838, AL133067, AF145233, E02349, AF183393, AF159615, AL110158, A58545, I18358, I34395, AL137488, S79832, AJ012582, AF022363, AL137716, AR066486, AF130342, AF113691, AF100931, AR000496, U39656, AF007142, AF039202, AF017790, U30290, AL049466, A58524, A58523, AC006197, S75997, AF089818, AL137560, Z13966, E03168, A93350, AF150103, AL023657, S82852, U80742, AF040723, AL137480, AL049452, AL133665, AF109906, I22272, AL080060, AF105427, AL137657, AF017437, S36676, U89906, AF038847, A77033, A77035, AL049382, AF036941, AL137271, AL050172, X63162, Z82022, AL122093, AF060866, X84990, I17544, AL080162, M27260, AF090900, AF118558, AF058921, U37359, U73682, AL050155, AF106657, AL137641, AL133049, AL137268, AF061573, S65585, AF161418, AL137537, L19437, A86558, X66871, E15324, U95114, U62966, AF044323, AJ010277, AL080150, X99971, AL133565, AF108357, AF061943, A32826, A30330, A32827, A30331, X97332, A21103, AF000167, AL136884, X73361, AF113677, X66862, Y18678, AL050024, AL122104, AR009628, AR012379, AF113699, AL117416, AL080139, Y09972, AL050116, AF158248, AF061981, AL110228, A27171, S53987, X67813, AL117432, AL080163, Z30970, U49908, AF107018, U72620

307	HWACZ95	832343	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1777 of SEQ ID NO:307, b is an integer of 15 to 1791, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:307, and where b is greater than or equal to a + 14.</p>	<p>AA179447, R72130, T77704, W23071, AA827875, AA857360, AA910941, AA179304, AA629581, AI354330, AI720403</p>
308	HBAGU45	832346	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 709 of SEQ ID NO:308, b is an integer of 15 to 723, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:308, and where b is greater than or equal to a + 14.</p>	<p>AI949414, AI278614, AA460720, AI336968, AI739400, AI811128, AI097226, AA718947, N34664, AI804845, AI636623, AW104988, AW241732, AA492479, R12446, AAI32220, AI122599, T88928, H18859, D62933, F09312, AA992756, R37113, AA224337, F10014, Z39783, R42462, H15692, F03945, R60837, AA683151, AL120153, AL041818</p>
309	HRGSB33	832411	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 519 of SEQ ID NO:309, b is an integer of 15 to 533, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:309, and where b is greater than or equal to a + 14.</p>	<p>AA263071, AA333989, AW239301, AA333117, T99607, AA374381, AA852737, AL049776, X16318, U51920, X16319, X86373</p>

310	HAIJC35	832464	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 749 of SEQ ID NO:310, b is an integer of 15 to 763, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:310, and where b is greater than or equal to a + 14.</p>	AA744752, AI276287, AI684428, AI524234, AI335035, AW014704, AI911443, AA972102, AA999975, H17550, AI126670, AI367512, AI147163, AI286003, AW016017, AI991439, AA626033, AI539156, AA565542, AI094253, AA863400, C16408, R46187, D63102
311	H2LAJ21	832575	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3117 of SEQ ID NO:311, b is an integer of 15 to 3131, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:311, and where b is greater than or equal to a + 14.</p>	AL036933, AL036939, AL048073, AL048603, AW204115, AI290846, AA452377, AI279167, AI823494, AI479242, AI770056, AA514388, AA444134, AI923914, N34161, AI828431, N57560, AW089930, AI671327, AI887720, AW130495, AI342487, AA261988, W68047, AA131177, AI915802, AA507542, AI554224, AI920961, AA622542, AA165260, AI370837, W30889, AI913112, AI522150, AA884234, AA165192, AI580801, W68189, AI377969, AI368020, AW362717, AI692648, AW362730, AI400130, AI089124, AA495964, AW104569, AA458832, AI752021, AA010988, AI624199, AA312654, AI141998, AA424972, AW264917, AI393118, AI420320, AA936071, W52729, W59982, AI473947, N29014, AI094215, AI702929, AI241045, AA313962, AA165259, AA434438, AA946621, AI185344, AI208160, AI478473, AA443955, AI830750, D61715, AA452407, N20642, N25562, AA505193, AA459024, N31768, N72111, AW352390, N24838, AW362714, AA936069, R67670, AA310396, AA307991, AA312665, C00143, AA045041, R71154, AI679453, AA115599, AL048074, AI032265, AA164550, AA279863, AI287799, AA164549, AA641464, AA465698, AA165191, AA376659,

	AI023021, AA689232, AA689233, AW195471, AW016753, W00338, AA832321, AA641236, R55862, R62843, AA319946, R71651, AA807169, AI752022, AI695309, AA878091, AA019459, R62797, W00374, R54149, AA708792, N84375, R28543, F05636, C18301, D58209, AI611756, D56782, T29634, D57016, R28684, AA904023, AW005949, AA115134, AA608767, T24590, AW362657, AA362995, AW352352, AA044336, AI739583, R55782, AA043870, AW176677, AA434210, H30570, AW379939, N86645, AA804910, T27409, AA621210, AW362648, AW079572, AI491710, AI802542, AW163834, AI270183, AI824576, AI698391, N75771, AA045040, AI765469, AI540458, AI553645, AI700441, AI610446, AW051059, AI758924, AA806619, AI564259, AI469505, AI345416, AI345612, AI814087, AL046466, AI345415, AI538980, AW080746, AI590227, AI590043, AI673363, AW166870, AI612913, AA470523, AI570807, AI638798, AI889189, AW051088, AI884318, AW162194, AI624293, AI670015, AI621341, AI613038, AI818353, AI783997, AW087199, AI589428, H89138, AI245008, AI452560, AI288285, AI478123, AL079963, AI812015, AI537677, AI819202, AI888208, AL037582, AL037602, AI923989, AW006032, AW004886, AI866090, F27788, AW129659, AI581362, AI241923, AI701890, AI571439, AI654276, AI567769, AW170725, AW026882, AI648458, AI923370, AI625464, AI678688, AI866770, AI433157, AI702073, AI567582, AI636588, AI537837, AI570966, U02680, I28763, U82324, AC005412, Z82022, Z97214, I89947, I48978, AF102578, L04849, AF177401, A77033, A77035, I09499, A65341, AL137533, AL122110, X66862, AF111851, AB010386, AF032666, AJ005690, AL050172, X84990, I48979, AF118070, AF067790,



	AL15345, AL137271, AL117435, S36676, AL137560, AL122098, AL110221, S68736, AF137367, X72889, AL133637, AL080148, AF104032, AL122100, A65340, AF069506, X65873, I00734, AR038854, X79812, AL049283, AF031147, E00617, E00717, E00778, AF061981, AF106657, A08913, AL137574, AL110222, AL133016, A08912, M92439, AL137480, AL137665, AB016226, AF113019, AF090934, AL080159, I33392, AF111849, I17544, AL137529, AL137292, AR020905, AL137711, E02221, E01314, AF159615, A08916, Z37987, AL117440, AR034821, AF113694, AL137478, AF061795, AF151685, X82434, AL117416, AF047716, I32738, AF090901, AL133619, A08910, A58524, A58523, A21103, AF114170, A08909, Y11254, AL122050, AF087943, AL133640, AJ238278, AL050116, AL137558, AL137488, U42766, AF008439, AL050393, U95114, A08908, E06743, AL137459, AF026124, AL050149, AF044323, AF002672, AF067728, AL117587, AL137550, AF017790, AL133665, AF057300, AF057299, AL050366, AF028823, X80340, AF185576, U80742, S79832, AL137521, AF022363, AR011880, I89931, AF118094, AL050024, A76335, AF153205, AL117460, AF106697, AF004162, X63574, AF081197, AF081195, AL133560, I49625, X62580, X63162, AF205861, AL080126, U35846, S76508, AL110218, AL137539, AL080124, AF111112, A18777, AF100781, AF017437, I26207, AL049430, AR029490, AL133557, AL133072, AF078844, AF113690, AF094480, AB007812, AJ010277, Y16645, AF183393, AF139986, AB019242, AJ012755, X83508, S61953, A18788, AF065135, AF107847, AF176651, AF090886, AJ003118, A12297, AL050138, X93495, A03736, AF182215, AL137479, AL133049, E03348, E03349, AF090900, AF210052, AL110296, AF090903, D83032, AL049324, AL137530, A93350, M27260, AL023657, U00686, S77771,

312	H2LAB53	832593	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 926 of SEQ ID NO:312, b is an integer of 15 to 940, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:312, and where b is greater than or equal to a + 14.</p>	<p>AF040751, AL050170, AL122093, AL117392, I89934, X06146, AF126247, AF162270, E04233, AF132676, AF061836, AF118092, X52128, U87620, U72621, AL137537, E12747, A08911, AL137276, U75932, AF113689, AF113677, AF112208, Y11587, D16301, AL137547, AL050155, Y07905, AF000145, AL137476, I89944, AL137463, AL050277, AF119337, L04852, L19437, AL049339, U92068, AL117457, AL096720, A52563, AL133113, E01614, E13364, U88966</p> <p>T48152, AA307989, AL134865, I35495, U19769, I81218, U30872, AR048216</p>
313	H2CBJ07	832597	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 836 of SEQ ID NO:313, b is an integer of 15 to 850, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:313, and where b is greater than or equal to a + 14.</p>	<p>AA481204, AA307574, AI910976, AL049631</p>
314	H2CBT12	834890	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AI708881, AW131514, AW410922, AI458776, AI460287, AA770684, AW419089, AA629426, AW338612, AA410957, AA102560, AW269470,</p>

		<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 944 of SEQ ID NO:314, b is an integer of 15 to 958, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:314, and where b is greater than or equal to a + 14.</p>	<p>AA947036, AI928965, AA582728, AA877842, AI826342, AA203284, AI073742, AW129647, AW131385, AI859955, AI673062, AA147789, AA081655, AA431626, AI813999, AA609956, AA310329, AW129705, AA211563, AA664239, AI188931, AI557115, AW410372, AA054592, AI200871, AW304100, AA527878, AA433866, AI880560, AI034210, AW406147, AA714085, AI432567, AI749909, AA081135, AA565998, AA152050, AW302392, AA307807, AI537900, AI285612, AA719322, AW075461, AI312030, AI749122, AA577515, AI281461, AI709133, AA877950, AA626911, AA897048, AI339268, AA431339, AA434379, AW410373, AA838507, AA583851, AA948428, AI630908, N45537, AI683774, AA777293, AI339259, AI680415, AI568860, AA401576, AW410923, AI185339, AI336425, AI095727, AA629709, AI205211, AI720124, AI346880, AI283166, AI798356, AA973473, AI127802, AI860177, D50947, AA082127, D52613, AA219625, AA854702, AW316948, AA759068, AI934815, AA654145, AI547067, AA508221, AA100239, AI148317, AA313546, AA654136, AA808865, AA307039, AI088499, AA081214, AA011289, AA115715, AA937751, AI016473, AI127191, AW405155, AA400070, AI282681, AI335357, N80748, AA127304, AA687555, R53769, AI568742, N48687, AI140116, AI521388, AA426203, D51356, AA937388, AA160878, AW021649, W52039, AI754221, AI082367, N94545, AI929216, C18928, AI628201, AA705619, AI309410, N31579, AA148021, AA582605, AI360544, AW405717, AW084596, W93085, AI628179, W60171, AA172131, AA570580, AA244212, AA425135, AI360516, AA149821, AA826971, AA527434, D54986, AA082262, D52464, AA844753, W68292, H38887, AW439583, AA505963, H42532,</p>
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	AW406369, AA310869, AA565036, AA601920, AI613170, W93140, D52764, AI753475, AA248532, R82957, F21991, AI224461, AA419357, AA878025, R90730, N73728, AI921112, AI270184, C18023, AA243980, AA243129, AW406964, F17736, AL037912, H42533, AW239507, F36736, AW022391, D82096, N91563, AA357599, R91006, AA171659, C17110, T29214, AI202074, AI364420, AA362537, N92927, N22547, H39502, AA088665, AI246324, R92221, AW404549, AA642135, AI223975, AA356093, R85205, AA010850, AW405622, AA996153, W03899, T40770, H56130, AA374687, H28669, N58050, N56654, T41118, R90754, AA375950, H58500, AA714991, AA169126, AA172285, AA876809, AA311153, R53768, AA662658, T94280, AA657417, AA352106, AA361715, R88749, AI568749, AA081936, H69479, AA313346, AA127303, AA742723, AI720345, D58890, X74070, X53280, X53281, M90357, AL121766, AC000403, M90356, AP000114, AP000046, AP000303, M90354, M90353, M90355, M90352, S79537, AL122049, AI2297, I48978, AF090934, I89947, AF017437, S68736, I48979, Y16645, AL080060, AL122050, AF113019, A77033, A77035, U35846, AL133075, A08910, A08909, A08916, U67958, AF090900, A08913, AF113694, AL049314, AF177401, U80742, X63574, AF097996, AL137521, AL122093, AF067728, AL080124, X72889, I89931, AL050116, I49625, AL110221, AL050146, AF078844, AF118094, AJ000937, AF183393, AF153205, AJ238278, AF090896, I26207, AF119337, AL110225, AB019565, AL122110, AL137557, AL110196, I33392, AL117583, U96683, AF125949, AL117435, A03736, AJ012755, AL137550, A65341, AL049382, E02349, X65873, AL050024, AF090903, AL133072, AL049466, Y11587, Z82022, AL117460, AL050277, AL122098, AF017152, AF113676, S61953, U72620, AL122123, AL133016,

	AL137463, AF087943, AL133640, AF111851, AL050138, AL110280, AF118070, AL133080, AF113699, AL137271, I42402, AF113691, AR059958, AL117585, AL080127, AL133077, AF158248, AL133113, AL133606, AF106862, E07361, U00763, AL049464, AL050172, S78214, AL137480, AF104032, A58524, A58523, I03321, X82434, AL080159, Y14314, AL050149, AL050108, AF146568, AF090901, X93495, A08912, AF113689, AJ242859, AF026124, AL133104, AF113690, AL049938, AL096744, AL049452, AL133093, E15569, E07108, AL050393, AL137648, AL137459, AF125948, AL133014, AF026816, AF079765, AL122121, AF113677, AL049430, X70685, Z72491, A93350, AL117457, AL133560, AL117394, X96540, X98834, A93016, AF003737, AL080074, AL049283, AL137560, AF113013, X84990, AF008439, E03348, AL133557, Y09972, I00734, AL080137, AL133565, AL110222, I09360, AL137538, L31396, E00617, E00717, E00778, AL137527, U42766, L31397, AL137292, AR011880, AF091084, AL133067, AL137283, AF090943, Y11254, AJ006417, U91329, AF061943, AL137476, AL049300, AF118064, AL137533, AF111112, AL137556, E05822, AL137478, AR000496, U39656, AF185576, E08263, E08264, A90832, AF057300, AF057299, AL110197, AL133568, AR038969, AR038854, U58996, AL122118, AL137526, AL133098, AF162270, E02221, M30514, AF079763, A07647, AL117440, X53587, AF111849, A45787, AF000145, I09499, U49908, E08631, U78525, L30117, U68387, AF032666, X87582, E04233, Y07905, S36676, AL133665, X92070, AR020905, AR013797, X62580, T40255, T40256, T40778, T40803, T94627, R13201, R32388, R32389, R85206, H56210, H57659, H69882, N42592, N69059, W20471, W30838, AA054780, AA088804, AA114237, AA115714,

315	HOELH62	835079	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 486 of SEQ ID NO:315, b is an integer of 15 to 500, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:315, and where b is greater than or equal to a + 14.</p>	AA194597, AA586421, AA574367, AA577538, AA659655, AA665113, AA886042, AA886643, AA983150, AA989361, D78922, N83321, C04115, R29685, C18068, AA093539, AA094947, AA151399 AA131231, AW022937, AI081142, AA846081, AI753828, AW129500, AW162433, AW157051, AW151111, AW275853, AW162349, AW163199, AI718209, AI879416, AI079440, AI816004, AI929801, AI802736, AW264782, AI625443, AW162206, AW193538, AI281631, AI802717, AW157436, AW168282, AI816168, AW162675, AW162290, AA805556, AI469322, AI079426, AA769937, AW189049, AW157210, AI569079, AW263586, AW162529, AI086700, AI673396, AI287896, AI815820, AA860503, AW073671, AI167342, AI937843, AI092300, AI040397, AI879692, AW262678, AW193311, AI719787, AW161998, AW245055, AW247115, AI831096, AW073770, AW162763, AW156975, AI6999034, AI066651, AI126823, AI048438, AW157410, AI952289, AW272644, AI335993, AI831067, AW157662, AW162566, AW157119, AW162599, AW162155, AI092686, AI193366, AA182841, AW157639, AI024844, AI952132, AI066677, AI050786, AI708756, AW073798, AI815883, AW157269, AW157636, AI817111, AI149767, AW237191, AW004722, AA650548, AA890458, AI285765, AW166784, AA805228, AI366693, AI360047, AA846439, AW268368, AW151257, AI572955, AI250447, AI869675, AW276022, AA315001, AI950781, AI859476, AW055327, AI095236, AI038159, AI689670, AI214582, AI434566, AW167172, AI954979, AI138978, AI879704, AW103542, AI814599, AA814485, AI692243, N69827, AI799673, AI336305, AI287892, AI283886, AI635860, AW103004, AW166416,
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316	HE8NG02	835456	Preferably excluded from the present invention are one or more

317	HAGFG91	835655	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1214 of SEQ ID NO:316, b is an integer of 15 to 1228, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:316, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1717 of SEQ ID NO:317, b is an integer of 15 to 1731, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:317, and where b is greater than or equal to a + 14.</p>	<p>AA099904, AI631935, AI636113, AA102106, W52091, AI493171, AI738738, AA026617, AI198416, AW149694, AA026729, AI650422, AI127033, AI335180, AA777858, AI017861, AA987216, AI093460, W59969, AA057071, AI807328, AI246495, AW204457, AA333011, AA668248, AA331427, AA385767, D80856, W01858, AA600297, R40732, AA332782, AI052089, R15233, AA332988, AA248854, AA668280, D80398, R14359, D81176, D80618, AA056926, AW136937</p>
318	HWLOG76	836203	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1194 of SEQ ID NO:318, b is an integer of 15 to 1208, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:318, and where b is greater than or equal to a + 14.</p>	<p>N23221, N36653, H81910, AA214587, R73738, AA777849, N26022, H29401, R67208, AL133910, T99837, R67209, T83252, R01891, N28803, R00406, T90722, H82004, F05176, R01892, H98132, M16505, M23556</p>
319	HBMAD50	836261	<p>Preferably excluded from the present invention are one or more</p>	<p>AW274763, AI860250, AW300818, AW452041, AW264919, W68003, AW451319, W67991, AI660148,</p>



320	H2CBN10	836762	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 742 of SEQ ID NO:319, b is an integer of 15 to 756, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:319, and where b is greater than or equal to a + 14.</p>	<p>AI963165, AA702336, AI139345, N68503, AI139033, AI590987, AI032783, AW129691, AW043665, AI292130, AI287559, AI591135, AA705198, AI287557, N73553, AI280962, AI076021, W95461, AA699304, AI346543, AW020629, AA593793, AA934432, AA100512, AA086345, W95568, N98223, AW242805, H91266, R94663, R94662, AA321333, H47843, AA469923, H21728, H91081, N22337, AA321942, T98851, C03757, H21929, AA365509, H47844, AI394436, AI991809, AA887041, AA729707, R10372, C04349, AA365510, H90356, R10470, AW392316, W01946, C21377, AA302284, AA302285, AC007688, AF117615, E12649</p>
321	HCE3164	836988	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1195 of SEQ ID NO:320, b is an integer of 15 to 1209, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:320, and where b is greater than or equal to a + 14.</p>	<p>AA307802, AI523577, AI743228, AI492174, AI798703, AI084062, W22441, AI003575, AI355318, AI452975, AI470192</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 654 of SEQ ID NO:321, b is an integer of 15 to 668, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:321, and where b is greater than</p>	<p>AA448371, AA448777, AB011176, U27341</p>

322	HE2CH58	838140	<p>or equal to <math>a + 14</math>.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 795 of SEQ ID NO:322, b is an integer of 15 to 809, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:322, and where b is greater than or equal to <math>a + 14</math>.</p>	AW072415, AI700497, AW304733, AI077574, AA923280, AI567916, AA224592, H54698, AI671211, AI097097, T59834, AW339710, N33473, AI889306, AI590327, AL079963, AI698391, AI537677, AW074172, AI433157, AI702073, AL036403, AI633125, AI627988, AI815232, AI815855, AI677796, AL048656, AI923989, AI439256, AI536685, AL045500, AI521560, AI249497, AI567883, AI889189, AL036361, AW026882, AI491775, AW087445, AI475371, AW238730, AI637584, AL036631, AI537273, AI682971, AI469532, AW104724, AI207510, AW104827, AW129659, AI582558, AA259207, N33175, AI819326, AW148408, AL036802, AI802542, AI567582, AI610690, AI632408, AI619502, AL119863, AI954183, AI611738, AW160376, AL043293, AI564719, AI921248, N71199, AL119828, AW301409, AW051258, AI284509, AA572758, AL047763, AI445025, AI524671, AI801325, AA493647, AL038605, AW162194, AI340603, AI933589, AI587114, AW084425, AL041150, AI889376, AI537024, AA420758, AI539771, AI929108, AI916419, AI890214, AI538116, AI284517, AI926790, AI670009, AI890833, AI620284, AW161579, AA292158, AW163464, AW081036, AI696612, AI273901, AW132056, AI440239, AI955917, AI620003, AI862139, AI559296, AI280637, AL079794, AI866801, AI871697, AI624206, AI269205, AI648509, AW148363, AI567769, AI440448, AI934259, AI431975, AI702068, AI536638, AI433206, AW193530, AI254731, AW150453, AI634737, AW073270, AW198090, AI679174, AI287489, AI500523, AI355827, AI874261, AI285448, AI432969, AI286256, AI457369, AI866608, AA806720,
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323	HTHCW70	838459	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1428 of SEQ ID NO:323, b is an integer of 15 to 1442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:323, and where b is greater than or equal to a + 14.</p>	AI284084, AI686817, AI538259, AI866472, AW149311, AI521040, AW087207, AI828682, AI625079, AI432085, AI630928, AI271786, AI573060, AL036274, AI635461, AI500662, AW080327, AI280521, AI445432, AI801460, AW020561, AI800384, AW088793, AI635942, AI687362, AW087160, AI687728, AI612885, AI567128, AW118496, AI633297, AW088903, AW193911, AI863241, AI697137, AI623682, AI340519, AW086113, AW044391, AI567940, AI247293, AI963193, AW166903, AW075667, AI539780, AI591075, AW073865, AI610307, AI612913, AI611354, AW235482, AI818683, AI634345, AI435641, AW080402, AA279293, AI934295, AI799183, AI285735, AI671679, AI537303, AI687127, AW148536, AI567373, AL110181, AC006333, AC004757, AL035258, AC002416, AL078602, AL096776, AC005962, U95739, AC006039, AL031732, AC004485, AL034417, AF130342, AB019438, AL122021, AC004837, AC006313, AC005250, AC006197, AC009501 AA846117, AW135735, AW450562, AA573644, AI800180, AI216990, AI375432, AA524229, AI800168, AI569363, AI701905, AW190675, AI634007, AW271364, AA179163, AC005332, AL035414, AP000117, AC004125, AC005529, AC004084, AL049869, AC004659, AC008009, AC005089, AL109839, AL021154, AC005081, AC007565, AC005015, AC002302, AC005670, Z98742, AC004671, AL031005, Z86090, AC003109, AC005899, AC002350, AC005874, AF134471, AL031311, AC002425, AL035089, AL031291, AL031577, AC006211, AC002991, AP001052, AC006312, AP000097, AL080243, AL121653, AC004687, AC005527, AL035419, AP000513, AC005488, AL035415, AL008718, AC007216, AL034420, U85195,
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324	HAPOF13	839262	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2687 of SEQ ID NO:324, b is an integer of 15 to 2701, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:324, and where b is greater than or equal to a + 14.</p>	AL022165, AL049843, AC005102, AC002470, AC009516, AC004966, AC004493, AC004491, AE000658, AL049759, AC006538, AF199339, AC006515, AC004647, AC002352, AC004841, AC005520, AC003962, AC004976, AC004983, AC003049, AF001549, AL024507, AC009248, AC004859, AC008372, AL022316, AL035249, Z82201, AC004883, AL022238, AF053356, AC004821, AF196970, AC004167, AP000555, AL050318, AL035450, AC005043, AC005037, AL031657, AC004143, AC005531, AC002997, AC005011, AC004967, AC007226, AC004522, AC007880, AC005694, AC002558, AC005944, AC002430, AC005328, AB026898, U95739, AC005778, AL035659, AC005082, AC004525, AC002115, AP000356, AL024508, AC007371, AC007384 AL134749, AI742631, AI800165, AI800177, AI817228, AW009788, AI983626, AI580092, AA479607, W72461, N31934, AA173790, AI826420, AI817464, AA486402, AW272227, AI829127, AI400650, AI859821, AA812768, AW160414, AI804420, AI810286, AI174621, AW162031, AI200823, AL045469, AA262076, AI436131, AW104123, AW204987, AA191221, W76519, AW131851, AI830727, AW075962, AI092268, AI095806, AW204297, AW163706, AA279162, AW054950, AA132187, AA173842, AI269189, AW272217, AI419217, AA937599, AA768309, AA213390, AA345939, AA346081, N79590, AW135722, R98330, AI476168, AI225142, AA219273, AA894959, AA114127, AI953548, W16579, AW020315, AA483620, AA132186, AW020778, AA306694, AI273292, N42771, AA127284, AA806664, R76355, C01324, AA477442, AA278394, AA122041, Z19431, D57433, AA055730, C16574, AA493588, AI263848, AI871532, AA360766, C15332, C15888, AA306589, AI572258, AA127285,
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325	HTGEX11	839384	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1056 of SEQ ID NO:325, b is an integer of 15 to 1070, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:325, and where b is greater than or equal to a + 14.</p>	<p>AW352394, AA213389, AI301771, C16185, AI419087, AW150588, AW352393, AA323124, AA379170, AI086134, T05903, AI868436, T83511, D56966, T34681, T05872, AI553717, AI383207, AA526564, AA355957, AA749012, AA360855, AA318574, N56217, AI417990, AA948636, D81687, D58170, R33934, AW386700, T83365, Z28512, AA191220, Z28428, AA055729, AA054844, Z19168, C16357, AW136837, D54272, AA384012, AA343818, AA114282, AI240376, AA641391, AA344020, AA278975, R33042, N55736, D57510, AA370282, AA779191, AA531526, AF000364, Y00701</p> <p>AA486949, T66949, AI568694, AL133623, D88026, X91617</p>
326	HWHGE39	839750	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1715 of SEQ ID NO:326, b is an integer of 15 to 1729, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:326, and where b is greater than or equal to a + 14.</p>	<p>AI307263, AI341699, AW024453, AI745197, AI768396, AI131562, AI972852, AI769539, AI421004, AI223225, AI140457, AA490731, AA397735, AA259003, AA778335, AI131101, AA252568, AI127219, AI128477, AI086809, N94182, AI291495, W92624, AI308249, H98500, AI143131, AI351197, W94551, AA453457, AI927383, AA399649, W95982, N63824, W94655, AI277363, W94870, AA252526, AI377847, T79601, AI094080, AI452626, AI880779, AA340311, AA134597, N55122, R56542, AI050906, AA258841, H11867, H87633, AW020601, AI372498, AA773252, AI248134, Z45013, AI372497,</p>

327	HNGIN84	840028	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 672 of SEQ ID NO:327, b is an integer of 15 to 686, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:327, and where b is greater than or equal to a + 14.</p>	<p>AA747544, AI378207, AA134596, R83208, AA826061, AI473394, H99056, C02387, AA046504, AI858424, H87634, H11507, AI783747, AA587631, AA453958, AI783727, T32984, AA648894, AA491222, AA085314, AA687222, AI814769, N42229, T32983, R56147, AA313920, T35898, R50984, AA976148, AI440280, AA383791, AA568124, AI758839, Z40742, AA836078, T79686, AA743519, AA731324, AI890259, AI758592, AA909604, T16579, T25933, AI291768, AA210619, AA045449, AI740792, AF100757, AF071314, Y17674</p> <p>AA487992, AA584890, AA130458, AA134207, AA487881</p>
328	HTGAZ34	840572	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1227 of SEQ ID NO:328, b is an integer of 15 to 1241, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:328, and where b is greater than or equal to a + 14.</p>	<p>AA843885, AW137638, AI569105, AA725050, AA478036, AA315754, AA779127, AA707886, T87515, AI186887, AA931268, AA478194, AA724969, AA506411, AA508167, AA884913, AI204147, AW188578, AI298619, T87514, AA334550, AA001503, AA373179, W90704, AW389401, H84879, AA348632, AI123472, AA382476, AA292666, AI221355, AA371060, AA305122, AA862608, AW051322, AA478193, AA715396, F00235, T05434, T10965, AA018146, N26345, L13689, AJ132013, S62198, M64067, M64279, M64068</p>
329	HNTEF54	840675	<p>Preferably excluded from the present invention are one or more</p>	<p>W44408, AA527501, AI052563, AA160185, AA428942, AI500231, AI921016, AA862309, AI862394, W44544,</p>

		<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1638 of SEQ ID NO:329, b is an integer of 15 to 1652, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:329, and where b is greater than or equal to a + 14.</p>	<p>W94846, N28477, AA160184, AA931691, AA809361, AI359819, AI279594, AA252345, AI061452, AI597929, AW014245, AI819250, N98731, AA954145, AI276202, AI828926, AA026286, AI167799, AW027703, AW168057, AI559587, AI521276, W57884, AI991979, W94847, AI687722, AI434201, N39148, W25095, W57885, AA447263, AI446772, AI073636, AI094763, AA280864, AW273344, AI346062, AI424178, AA625675, H99758, C75468, AI581157, N93238, AI033439, N45470, AW407812, W19310, AI683608, AA917615, AA148612, AA252324, H01172, AI814232, AI263567, W22475, AW058146, AW241157, R42644, T50250, H46994, W93787, AI358426, H01257, AA442735, AI129045, AI375564, AW150517, AA364849, H46453, AA303251, W31169, AA148611, AI814030, W93786, AA364527, N70145, H12436, AI659876, R08467, AA368445, AW366545, AA299987, AI648609, AW257791, H12435, H22406, AW382318, AA877720, AW382316, AA281164, AA805601, AI285165, AI885988, R33516, N98322, AA482622, AA447138, W26854, AA774629, H22405, AA482477, AW380284, C06036, T17082, R08461, AA026285, N55950, AI832432, AI701223, N66302, R14041, N46559, AA151931, AA059054, R17411, W63706, AW366547, AW014828, C03017, AW129264, F37323, AL079963, AI521560, AI921254, AI537261, AI624293, AI874166, Z98484, AL039086, AI089782, AI565172, AI670009, AI886181, AI161279, AI890507, AI590043, AI445992, AA279293, AI434741, AI619607, AI241923, AI114703, AI678357, AL036673, AI866770, AI309306, AA806719, AI687568, AW118518, AI500714, AI355779, AW051088, AL040586, AI620284, AI553645, AW149925, AW163823, AI863321, AI687168, AW238688, AI863191, AI421091, AW152550, AI955987, AL046595, AA502794,</p>
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	AI184903, AI491805, AI538829, AI632408, AI104141, AI435253, AI627988, AI613038, AI951062, AI635067, AI690426, AW089275, AI799674, AI433157, AI801152, AI702073, AI690748, AI921248, AI540674, AL046466, AI281757, AW163834, N33175, AW162194, AI345688, AL043355, R32821, AA421957, AI628337, AI621341, AI633125, AI620089, AI678480, AI632997, AI612750, AI698391, AL039716, AI538564, AW262767, AI915291, AW152182, AI538850, AI270295, AI271796, AI582932, AI872423, AI623941, AI500061, AI572717, AI889189, W46378, AI890907, AI609409, AI583558, AA641818, AI361701, AI866469, AI620302, AI884318, AI923989, AL134712, AI686817, W74529, AI225023, AI866127, AA464646, AI242248, AI859991, AI869125, AI445965, AI587121, AI623622, AA579618, AW026087, AL117430, Y14314, AF026816, I89947, AF038854, AL137488, AL133665, AL117416, AF183393, A65341, U78525, X79812, A08916, AL122100, AL049452, U42031, AL080163, A21103, I48978, AF008439, A08913, AL050393, S36676, I17544, AL137533, A08912, AL110280, A18777, E02349, AF061795, AF151685, A08910, A08909, AF113677, AL122050, AF087943, AL133637, A08908, AL137705, AL110218, S61953, A77033, A77035, AF079763, AF106697, AL133113, Z97214, AL049283, I89931, AL137550, AL137548, I89934, I49625, AL137530, AF061573, AF032666, AF091084, AF113019, AL137478, AL049430, AL080159, AL050149, AL137558, AF061981, AF185576, AJ005690, E12747, AR020905, E03348, A65340, E03349, A76335, AR034821, AL137480, U58996, Z82022, AL117460, I09499, AL133619, AL137479, X72889, AF003737, A08907, AL122106, AL023657, AJ012755, S76508, L19437, AF097996, E05822,



330	HTEAF73	840708		<p>Z72491, AL080126, AL117435, A03736, U75932, S75997, Z37987, A45787, AL050138, U88966, X63410, AF115392, AL110221, AF158248, AL050155, AL137641, U35846, E02221, A15345, AF118094, AR029490, AL049314, E15324, E01314, AF090900, AF090903, AF125948, AF113676, AL080140, AL122118, AL137292, AF106862, D83032, I89944, I33392, AF162270, AL137271, AL133081, AF026124, AL050108, AL133072, AF113691, AL122123, AL137537, AL137463, AL050277, AF113690, X82434, Y16645, I48979, AF067728, Y11587, AL137560, AL080154, AL137459, AL122098, M96857, AL137529, AJ003118, AF016271, AF106657, AL080148, AL137665, A58524, A58523, A86558, AL133640, AL049938, AF153205, AF111849, U86379, AJ238278, AL137574, U80742, A08911, AL133560, AL080074, AF017437, S78453, E04233, U67958, AL117457, Y07905, AF137367, AF113013, AF061943, AR011880, AF078844, Y10655, AL122110, AL133067, AF126247, Y11254, AF111851, AF210052, AL117583, L30117, AF176651, E07108, M27260, S77771, AL122093, U42766, X96540, AF028823, AF100931, X62580, AR059958, AB007812, U00763, L31396, AL133010, L31397, AL137476, AF169154, L04849, X06146, E06743, A07647, AL137256, AL117440, AL117394, AR013797, AF114170, AL137526, AF090943, AL133558, AF215669, U95114, X80340, AL110296, A90832, AL137711, AL133075, AL133016, D16301, X57961, AF177401, AL133568, I32738, AF090901, I68732, I00734, A18788, AR068751, AL049464, AF067790, Y10823, U53505, AF113694, AF207750, AL050024, Y10936, AF113699, AF069506, I03321, M86826, AL080234, A93350, N47595</p>
330	HTEAF73	840708	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AA418230, AI656823, AW237075, AI742396, AA418083, AI638335, AI990631, AA101114, AL135583, AA082768, AA453890, AI093952,</p>

			<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1902 of SEQ ID NO:330, b is an integer of 15 to 1916, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:330, and where b is greater than or equal to a + 14.</p>	<p>AI275588, AI991570, AI825352, AI431506, AI168645, AI223864, AI417141, AA426139, AI970427, AA424919, AA758905, AI680900, AA741277, AI800697, AI263798, AA411231, AI150145, AA422115, AA313750, AA453804, AA769817, AA625187, AA904708, AA152290, AI797514, AI924204, AA150232, AI127559, AA300364, AA969156, AA770192, AA905158, R21272, AA131634, N22711, AW238233, Z44053, AA811505, R45362, H13385, AA382511, Z41665, H06049, AA131718, T35196, AA836102, AI868861, Z42470, T36015, AI434398, AW050658, AA093790, AA749290, Z93930</p>
331	HPJCI42	840847	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1644 of SEQ ID NO:331, b is an integer of 15 to 1658, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:331, and where b is greater than or equal to a + 14.</p>	<p>AI357436, AI948511, AI972408, AI826256, AI697857, AI651095, AI761400, AI831948, AI422683, AW341450, AI417903, AW165982, AI936396, AW271819, AI421517, AW300444, AI768573, AI288333, AI927043, AI523543, AI420397, AW085599, AW149563, AI283759, AI392973, AI634398, AI889625, AI817020, AI831197, R56168, AI675030, AI368689, AI190058, AA393313, AI694269, AI830691, AI830712, AW172298, AI375540, AI827278, AA988563, AI992087, AI862664, AI082343, AA594835, AI300150, AI253197, AA653712, AW237591, AI304849, AA872799, AI926819, AI452397, N29545, AA837984, AA937125, AA502373, AI831516, AI262912, AI823952, AA057861, R33735, AI630735, AW028564, AI654087, AW294325, AI619923, T04917, T35202, AA759006, AA356968, AI632766, N52709, AA043670, AI684627, AI919454, AA642808, T96330, AI300625, AW025718, AW196914, N47832, AA057051, AI806818, AA371419, AA974906, C16798, AW193208, AA423938, N32607, AI369782, AA256421, AI769153, T93496, AI991799, T27338, W15206, AW378641, AW403029, AA043828, D11567, D11569, D11572,</p>

332	HHBHM75	840848	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1088 of SEQ ID NO:332, b is an integer of 15 to 1102, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:332, and where b is greater than or equal to a + 14.</p>	D11571, D11561, D51030, AL035461, D11568 AW027446, AW001374, AI905427, AI905448, AW170482, AI888710, AW189228, AW248185, AW247154, AW269605, AI491924, AW166866, AI806696, AI913299, AI248303, AI950990, AI923354, AI985923, AA115932, AW405656, AA580449, AI683829, AA121000, AI923345, AI983165, AA311496, AW339176, AA613123, AW008308, AA311962, AA308220, AI092707, AI670040, AI446320, AA976924, AA827930, AA155688, T26531, AW081652, AA722463, T26545, AA503072, T26607, AI027785, AI673460, AI475803, AA310484, AW166337, AI469228, T26606, AI936946, AI904232, AA313581, AI350054, AA155632, AA113213, AI682048, AA057298, AI924745, AW074024, AA865529, AA219765, AW362575, AA863440, AA394308, AA146598, AI193428, AI803845, AA463503, W52876, AA722103, AA594814, AA058743, AI287875, H69098, AA398511, T17392, AA045866, AI073617, AA099234, AA160447, AA439865, N78080, M78213, W60083, AI827155, AA586410, AI690668, AW176030, AW176409, AW362998, R61067, H82364, AI458739, R58724, R10066, AA233537, AA196375, AI220757, AA143412, AA195987, H68866, AI648414, H68867, AA375183, AA377742, AA377577, AA376079, AA551794, AA370466, F08770, AI659128, AA953614, AA602742, H47859, AA099233, AW385630, AA876847, AA357152, AA376133, AA293437, AA043086, N88762, AA345571, H47858, AI438988, AI471161, AA302122, AA512948, AI342089, AA373023, R10163, AI904755, AA079888, AA669435, N84278, AA337905, AA173257, AI001859, R86048, AI335883, AA333491, AA377683, H08322, AW404843, AA345193, AA337117, H61230, AA296661, AA331127, AW175900, AA284503, AA385104, AA809714, AA287233, N48458, R72725, AI673105,
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333	HDTL39	840860	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4187 of SEQ ID NO:333, b is an integer of 15 to 4201, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:333, and where b is greater than or equal to a + 14.</p>	AA079887, AA372658, AA131067, T23830, T26365, N58491, AA385252, AA102153, AA731195, AA301690, AA303689, AW375743, AI270607, D12026, AA573356, F09056, C17112, AA463552, AI904284, AA293046, D56378, AA463551, AA055712, AI658862, R54183, AA173248, AW405930, R72646, AI904233, AA366862, AA742856, AA381048, H08224, R57168, AA343172, AW250825, N58717, AI350282, H61231, AA777755, AW375792, AA045865, AW375803, AA774658, AI904212, H22081, H82260, AW196192, R57822, AA287216, AW450496, N54277, AI141404, S85655, E05692, I15314, X78682, AL050401, I62356, M61219, L14273, L14272, AC007676, I62357, L14484, L14274, E05693, I15315, I62361, L14485, AR016469, AR016461, AR016462, AR016463, AR016464, AR016466
				AA642209, AI862701, AI749737, AI207407, AW411488, AA910996, AI761749, AW026187, AI985751, AI972815, AA554566, AA422160, AI613444, AI120666, AW161883, AI954186, AI693320, AA463858, AI888672, AI890575, AW360824, AA613926, AW360809, AW172716, AI480116, AW328340, AA772153, AI693385, AW148801, AA504731, AW166116, AI953781, AA581366, AA772136, AW008173, AI983719, AA305042, AW169265, AA205324, AA576873, AI955286, AA873317, AA176782, AI952720, AW161462, AA974654, AA463350, AW362917, AW089874, AI992295, AI147134, AW362904, AA676616, AA456144, AA313902, AI620307, AA169276, N67918, AA071214, AI076734, AI277009, AI242706, AA836769, AI926158, AA862276, N63379, AA411497, AA837197, AW275808, AA828942, AA307920, AI079789, AI536133, AA487271, AA149575, W68381, AA632813, AI373024, AA504634, AW401448, AI872463, AI4222673, N62851, D11545,

AA127472, AA160284, AA151791, AI591115, AA225924, AI278854, AA173360, D82110, AW022247, C06382, AA404505, AA127585, AA311655, AW270729, AA487388, AA262816, AI251934, AI283345, AI707664, AI474126, N64787, AI917908, AI811519, C05151, AI935294, AA806053, AI608766, AA243268, AA857683, AW263998, N67463, N77758, C02425, R78094, AA722996, H41078, AW274553, AA992418, AA195437, AI083733, AA496439, AI435396, AI267588, AI635182, AA947935, Z21160, AI978716, AI142767, AW136784, AA356091, AI631162, N76199, AW129671, AA421263, AI918869, AL135216, AI689671, AA581476, AA811001, AA662886, AA102524, AA223329, AA261939, AA426276, AW366458, AI017431, AA496488, AA620579, AA864246, R78515, AA082708, AW316556, AI362074, AA057684, M78876, AA504466, AW026306, AI075348, AA223248, AA643835, AA774179, AA262815, AI273316, AI270735, AA223614, AI799202, AA206268, AA083297, AI669447, N85166, AA160285, R22387, AA988824, C02916, AW079254, AA295623, AW383412, AI357670, AA329338, AA947854, AA380160, AI093880, AW367347, T16262, AW089246, R78181, AA748669, AW383415, T31816, AA101058, AA082230, AW204421, N81179, AW383429, F06042, AW411489, AA045056, AA968507, AA357441, N88683, AI817500, AW383430, AA356304, H41731, AI808848, AA441826, AA053850, AA384381, AA081937, AI803541, AA484162, W26056, R93829, AA639001, AA205970, AI916464, N85712, AI361946, Z38961, AA649340, AI127936, F00682, T50221, D31110, AI066570, AI500472, AW328341, AA345411, AI479118, AA311643, AA626103, AI061276, AI886996, AI784598, AA456414, H40124, T50269, AA226080, AI183884, AI344757, AA304567, AA303999, AI653590, R48491, AI953530, M86667,				
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334	HE2DT31	841015	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1225 of SEQ ID NO:334, b is an integer of 15 to 1239, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:334, and where b is greater than or equal to a + 14.</p>	<p>D12618, X61449, AF062594, AF086080, AF114156, AC006157, AF002992, D28430, T89645, T89919, T93704, R21871, R78560, N28359, N42893, N77065, W67341, AA034244, AA044935, AA057392, AA071442, AA082360, AA082229, AA083188, AA167113, AA191227, AA522823, AA730326, AA857065, D82604, D82635, N85023, C00193, C00199, N87331, N88852, N89408, C21319, AA091285, AA091688, AA094300, AA205974, AA206598, AA247212, AA421361, AA441853, AA634627, AA663685, AA665466, T10506, Z30218, T48571, D45597</p> <p>AI357350, AA845435, AI209067, AI858019, AI884482, AW150823, AA554692, AI620110, AI963113, AL134405, AI889492, AI689168, AW276311, AA627856, AA860493, AW274639, AA633500, AI801448, AI613503, AA069773, AW338931, AW029541, AA127719, AW263706, AI687577, AW130929, AI625340, AI653596, AI200795, AW419312, AI758722, W73806, AI829356, AI701949, AI873677, AI033996, AI041421, AA069809, AI805331, AW236282, AA889251, AA628724, AI453807, AI125984, AA894635, AA633499, AA459963, AA972651, AI624681, AI537603, AI246146, AI460275, AA258207, AI250056, AI493175, AA782622, AI339580, AA838393, AI057611, AI680433, AA250884, AI334814, AI097090, AI445800, AI287795, AA258206, AI537026, AI925257, AA722227, AA215296, AA661865, AI805513, AW151003, AI926744, AA954248, AI275682, AA573552, AA693482, AI440209, AA056740, AA250827, AI273997, H85165, AA236042, AA133361, AI084300, AA447092, AA236043, N48966, D54114, AW411052, AI753697, AI128212, AA649576, AI265910, AI583228, AA022865, T28553, AI224070, T15984, AI370374, AI828756, AI811875, AI251107,</p>
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	AI887260, AA805125, AI022896, AI287368, AL036313, AW189991, AA961437, AW057820, AI358161, AI554559, AI921683, AI962926, AI870193, AI252638, AI961544, AA877770, AI190502, AA670156, AI560836, AW440962, AA779688, AA814212, AI620728, AI567087, AI183461, AA582167, AW248658, AI581066, N94359, AI081077, AI911926, AW151092, AI139073, AI023149, AI672669, AI559532, AW054954, AW167338, AA564446, AA872906, AA992431, AI002784, AW130993, AA948355, AW264551, AA633945, AW029143, AA972620, AA582118, AA970957, AA292304, AI872620, AI084043, AA679598, AI356936, AI969636, AA226958, AA630406, AI584170, AI829166, AA669946, AA563876, AA779317, AA613036, AI444935, AI371316, AW071739, AA946753, AI554539, AI564548, AI434491, AI144337, AA947643, AI479802, AI126094, AI079790, AA037671, AA877791, AI628003, AI927436, AW264791, AI802229, AA706037, AI187314, R50864, AW102949, AW131317, AI807613, AW341512, AA553824, AW070293, AA935320, AW028226, D55286, AA916638, AA428601, AA421689, AI798718, AA904350, AA480598, AA151443, AI432922, AA912466, AI680320, AA678327, AI000721, AI569746, AI220996, AA399206, AA570384, T07375, AA708921, R81287, AW264121, T40475, AA976019, AI568145, AI336086, AI359461, AI476687, R80980, AI282762, AW088889, AI365679, AA058411, AI288329, AI249898, AI419896, H05937, AA872284, AI300645, F04083, AA989255, R42835, W38863, AA450039, H85126, AA421690, H92458, H96689, AA460053, AI819842, W92987, AA381350, AA852359, AW338780, X72727, AC005611, S74678, L29769, D17711, AJ003024, L31961, T60712, T39204, T89115,

335	HE2AY01	841017	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1235 of SEQ ID NO:335, b is an integer of 15 to 1249, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:335, and where b is greater than or equal to a + 14.</p>	<p>R23975, R80780, R80929, R81030, H45854, R85410, H86110, H92459, N45682, N64273, N67340, W60856, W79809, W79590, AA031812, AA031892, AA039603, AA127774, AA150512, AA186437, AA188784, AA484831, AA524510, AA577009, AA838126, AA888617, AA974294, AA978242, AI000986, N84928, W28888, AA093374, AA095419, AA635022, AA635099, AA283454, AA905955, AI015482, F04704</p>
336	HWLOA34	841030	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 708 of SEQ ID NO:336, b is an integer of 15 to 722, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:336, and where b is greater than or equal to a + 14.</p>	<p>T85016</p>
337	HBXFG67	841241	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AI341659, AI431773, AI161135, AW088752, AI264206, AI346653, AI307747, AI656069, AI634899, AA704137, AI636369, AI929120, AI092945, AA056359, AA633329, AA293042,</p>



		<p>the general formula of a-b, where a is any integer between 1 to 2196 of SEQ ID NO:337, b is an integer of 15 to 2210, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:337, and where b is greater than or equal to a + 14.</p>	AA868271, AI431794, AA582836, AI150598, AI679251, AI953495, AW117960, AA031264, AA218868, AI858867, AI697931, AI042345, AI369319, AW151607, AW130514, W84552, AW190035, AI521653, W47659, AA463596, AW083315, AI380661, AI339765, AI634188, AI091725, W84467, AI917220, AA454608, AA460966, AI334973, AA775465, AA284783, AW026215, AW058396, AI143787, AA507951, AA774425, W96343, AI356085, W70195, W52280, AW273175, AI858872, R77389, AI972238, AI198569, AA458530, AI521450, AA284712, AA708123, AI679827, AI623758, AW130702, AI761883, AI921355, AA971856, W04932, N41005, W56619, N91167, AA994099, AI161235, H41879, AI086967, AI700384, AA928492, H80551, AI066399, AI262380, AI337960, AA884190, AI754264, AA037318, AA031855, AI332848, AI287381, AA031854, AA206877, AI446456, AI870016, W72718, AI572475, AA461275, AI130700, AW273233, H19764, AA293434, AW170235, AI298881, R71854, T72569, H49101, AI092820, AA609652, W16568, H18402, AA620623, AI928876, AI289918, W23005, AW205932, AA016293, H75818, H39184, AI678119, AI362577, AI338332, AI301256, R85932, AA640114, H26985, AI016016, AA757695, AI091380, N98497, R93828, AI636966, W68375, AI950811, AI245331, AI086541, AA325188, H39183, H43811, M78190, AW148421, W76444, AA035782, T28818, AI190360, T03362, AW148308, W47607, H18293, H51175, N94350, W24020, W31043, AW340439, AI266495, AA325300, AI948535, AA025152, H43814, H28104, H40890, AA496283, H41878, T64820, AI631099, AA375412, F12341, AA220968, N45017, AI288047, AW000806, AI288037, W47660, H24560, AI042606, AI634927, AA402851, W52281, AI288045, D59229, AW129613, AI956106, F08608, R70428, H21526, R73026,
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338	HWLOF51	841957	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 727 of SEQ ID NO:338, b is an integer of 15 to 741, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:338, and where b is greater than or equal to a + 14.</p>	<p>AI952459, H19765, F07127, AA350880, AW148295, AA340723, H21210, H18251, W48618, AI870946, N70611, AA324570, AA852604, H80607, R87323, W56649, AA133516, W70156, AA101608, W90400, R84543, AL119694, AI278528, AW131963, AA349925, AW070591, H43721, AI492026, AA115697, AA852436, T17308, AA852605, AA852435, H49042, AI215065, AW392427, R48571, AI057267, W48851, AI346654, H30240, AI909832, R18486, R77390, AW102876, F03416, AI869095, T23722, AI365342, W47411, N56601, W68334, F09962, F04814, AW149325, AA375923, H68511, AI127125, AW080668, AI198415, R51358, AI565830, H51188, M11749, AJ238589, U93310, S59749, R48670, R51464, H18401, H25150, H30297, H30868, H30871, N74891, N93043, N93044, W21511, W21512, W94826, W96342, AA017674, AA025151, AA027955, AA031395, AA040025, AA069269, AA069418, AA069509, AA114873, AA114837, AA419091, AA428836, AA659114, AA836669, AA903136, AA903220, AA918099, AA973427, AA069497, AA757619, AA774630, AA300505, AI492483, AW303374, AI631790, AW206379, AW195675, AA278582, AI039812, AW338448, AW004841, AI766809, AW043846, D60088, AA902168, AA889412, AI914252, AI392952, AI671021, AI022063, N22335, AW173301, N75207, AW086444, AI735105, AA758009, AA731697, AI168274, AW271622, AI927028, AA283606, AA043425, AA043723, AI423553, AI934402, AA283607, AA844272, AI913306, AI624989, AA725454, T78177, AA535230, AA354991</p>
339	HLDOK36	846025	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AW245401, AA662107, AI523949, AW245758, AI031817, AA725300, AI359207, AW270125, AA293413, AI090434, AA568269, AW013988,</p>

		<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2031 of SEQ ID NO:339, b is an integer of 15 to 2045, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:339, and where b is greater than or equal to a + 14.</p>	AA708767, AA682427, AI376689, AI033528, AW449244, C01335, AW263988, AI343327, AI360743, T50230, AI992119, AA908655, AA318766, T50243, AA635978, AW204989, AA830678, AA047668, AA748433, AA383495, AI635643, AA862542, F35595, AA218681, AI358311, AA090354, AI432940, AW050934, AW362290, AI636445, AW075351, AI800433, AI135661, AI349957, AL044207, AI800453, AI343112, AI349598, AI345735, AW080079, AW268253, AW148320, AI281837, AL036980, AW089572, AW129171, AI597750, AI290154, AW149851, AI282281, AW090013, AI869367, AI340582, AW075413, AI500077, AI567612, AI572787, AW074993, AW302992, AI538790, AI500659, AL119457, AI312152, AW080279, AI571861, AI349614, AI440426, AI925156, AI801544, AI309401, AW075084, AI784252, AI270707, AI348897, AI307708, AI349937, AI567351, AI439089, AI439717, AI862144, AI758437, AI590128, AL036403, AI950664, AI282655, AW169653, AI634224, AL040243, AI279984, AI281779, AW193635, AI475134, AI620639, AI499463, AW071349, AI684265, AI349004, AI862142, AL036146, AW268220, AI445165, AI568855, AW301300, AW075207, AI349256, AA508692, AI343037, AI520862, AI648684, AL038778, AI349645, AI334884, AI632033, AL121014, AI569583, AI497733, AW274192, AI313352, AW301409, AI560099, AI857296, AI633073, AI312428, AI580927, AI274541, AW071417, AA225339, AI627893, AI828818, AI818206, AI436456, AI273142, AI571133, AI609190, AW151485, AW08048, AI281773, AA470491, AI636183, AI636585, AI572569, AI819970, AI919058, AI274508, AI564247, AI699857, AW149287,
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	AW183621, AW068845, AI783504, AI824764, AW302965, AI436644, AW074869, AW263453, AI680388, AI564992, AI269862, AI536638, AI702068, AI349226, AI627360, AI249257, AI491852, AI952360, AI249323, AI273048, AL043326, AW118512, AW131954, AI653836, AL036396, AW196141, AI612920, AI439478, AI269205, AI678989, AW104724, AI554484, AI349933, AI682841, AI624206, AI610756, AI811344, AL036361, AW087445, AI912866, AI571551, AI690312, AI275175, AI702406, AI637584, AI340603, AI570384, AI538716, AI690490, AW002342, AI475451, AI569616, AI872074, AI872711, AI702433, AW301505, AI224992, AI799199, AI679764, AI554427, AW082040, AI815855, AW269097, AI926790, AI564719, AI653541, AI269696, AI889376, AI874109, AI499146, AI868831, AW103371, AI524671, AI521012, AI591073, AI633419, AI921248, AI307543, AI498579, AI590120, AI866002, AI619502, AI571909, AI433976, AI802542, AI866100, AI744923, AI922901, AI828731, AI917253, I48979, Y11587, I89947, I89931, AF090943, AF113699, AF113694, AF118064, AL049314, A08916, AF118070, A08913, L31396, L31397, AL049452, AF113013, AJ242859, AL110221, AL080124, U42766, AL133557, AL122093, AL050393, AF113691, AB019565, AF078844, AF113690, AF113677, AL137557, AL133093, Y11254, AL122050, AF111851, AL117460, AL050149, AL050116, AF125949, AL050146, AL133606, AF113689, AL122123, S68736, X84990, AF090900, AL133565, AL133640, AF113676, AF158248, AL050108, S78214, AF090903, AL080060, AF090896, AF091084, AF113019, E03348, AF090934, AL110196, AL049466, AR059958, I48978, AL133075, AL117457, AL133016,

	AF125948, AL080137, AF090901, AL137527, X63574, AL122121, AF106862, E07361, A93016, AF017152, AL133080, AF146568, AL049938, AL050277, AL137459, AL117394, X82434, AL110225, AF104032, AJ000937, AL096744, U91329, AL050138, AF079765, I49625, AF017437, AL137283, Y16645, AL049464, AL133560, AL117585, E02349, AR011880, AL137550, AJ238278, A65341, U00763, A08910, AL049300, AF177401, AF067728, A08912, AF097996, AL049430, E07108, AL117583, AL117435, AL049382, A58524, A58523, A08909, AL137521, AF118094, Z82022, AF183393, I03321, AL122098, AL137648, X96540, U72620, AL050024, X70685, A77033, A77035, AL137463, X72889, AL137271, AL137538, AL080127, U80742, AL133113, A12297, U35846, I33392, A03736, AL122110, AL049283, AF087943, X93495, I09360, X65873, X98834, S61953, AL110197, I17767, AF061943, AL080159, E08263, E08264, AF026124, U67958, AC006336, I42402, Y09972, AL137560, AL133568, AL122049, AL133072, AR038969, E15569, AL133014, Y07905, AF095901, AL133098, AJ012755, AL137523, I66342, AR054984, AF111112, I26207, AL133077, M30514, I00734, AF026816, AF119337, AL110280, A93350, E00617, E00717, E00778, A08911, AR000496, U39656, Z37987, AL137556, AL137526, AL137429, AC004093, AF061573, U68387, AL133104, AF003737, A45787, AF000145, AL050172, Y14314, AF106827, AF057300, AF057299, AR013797, A90832, AL122111, U58996, A07647, AF079763, X83508, AF100931, Z72491, AF153205, AF185576, E08631, U78525, AR038854, AL137292, AF162270, AL133067, E04233, AL080074, AL117649, U96683, AL117440, AL137476, X87582, AF210052, L13297, AC006371, E05822, AF051325, L30117, AL137656, AL050092, AC002467, AL133081, AL137533, AJ006417, X92070, AF091512

340	HSDJF12	846362	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2060 of SEQ ID NO:340, b is an integer of 15 to 2074, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:340, and where b is greater than or equal to a + 14.</p>	<p>AW084558, AW409927, AW304724, AW136749, AI745388, AI979175, AW134503, AI817727, AA593923, AI675562, AA573915, AI652793, AI683795, AI922809, AI983612, AI984843, AA573905, AI656045, AI983786, AI984139, AI380162, AI361395, AI936791, AI479830, AL039924, AA588051, AW206967, AI590585, AI673630, AL045794, AW137010, AI347176, AI288836, AW170399, AI287323, AW271527, AI380626, AW197398, AW193824, AI869939, AI371858, AW013814, AI650707, AI861931, AI201641, AW050592, R00081, T02921, T53389, AA937517, AA552662, AW304869, AI015077, AI262657, AI309572, T24119, AI460271, T24112, AI932957, AI950720, AI652807, AL036630, AA327548, R72802, R50426, AI634175, AI986002, AI089131, R47791, AI659375, D51250, AL044412, AL044364, AL040992, AL039109, AL038531, AL037726, AI986009, AL039629, AL039625, AL039648, AL038837, AL039074, AL039678, AL039108, AL039538, AL039564, AL039156, AI880486, AL039659, AL039566, AL039509, AL039476, D80253, AL039128, AL044407, H00069, D80043, AI418738, AL036973, AL045337, AL037051, AI973094, AL045353, AL039386, AL039423, AL045341, AL042909, AL039410, AL039150, D59787, AL038821, AL038025, AL044530, AL036725, D80219, D59275, AL043445, AL043422, D80227, AI535983, H26655, AL043586, AL043423, AL039521, D80240, AI719489, AL043441, D80210, R52030, D51423, AA327517, T23947, AW272341, D80134, AL036196, AA523545, D59619, D80193, AL037639, D80391, AW450335, AL037615, AW451070, AW241543, D80196, AL036767, AL039085, C14227, D59927, AI535783, AL036117, D80949, AA936966, AL037526, D80366, AI918271, D80168, AL036238, R47228, AW452756,</p>
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	AL036679, AI652616, AL037601, AL039459, AW197366, D50995, T11051, D81026, AL039504, D25775, AL039842, D80045, H26610, C14014, C75259, AI968929, AW087283, AL036964, AL036733, AL036158, AL037027, AL036924, AL037054, AL036765, D59889, AA100205, C15076, AL038851, AL037177, D80022, AL036998, AI557751, AL037047, AL036227, D80038, AL037643, T23659, AL036133, AL036418, AL036650, AL037082, D80195, AL036163, AW293068, D58283, AL036207, AL037124, D81030, T11417, AL036191, AL036167, AL036132, AL037021, D80188, AL037049, AL036190, F13647, AL037600, AL037679, D51799, D80378, D59467, AL036139, T03269, AL036152, D50979, T48598, D80522, D80212, AL036900, C14429, C14298, D59502, AL037178, AL042334, AA514190, AL048425, AA285331, Z21582, AW451416, D80164, AL039555, D80166, D59859, D80269, D59695, D84239, AC006950, A25909, A85396, A86792, I95742, X68127, A44171, A85477, AR037157, AR062871, AR017907, AR062872, AR062873, AR067731, AR067732, A58522, A91750, A20702, A43189, A43188, A20700, A84772, A84776, A84773, A84775, A84774, AJ244003, AR036905, A95051, A95117, AR031374, A49700, AR031375, A58521, A38214, AR020969, I56772, I95540, AR018924, A63067, A51047, A63064, AR018923, A48774, A63072, A48775, AR068507, AR068506, AR015960, AR000007, AR015961, A18053, A23334, A75888, I70384, A60111, A23633, A23998, A95052, A98767, A18050, AR007512, A93963, A93964, I60241, I60242, AR043602, I63120, AR043603, AR043601, AR054109, A58524, A58523, AR025207, I03343, A24783, A24782, A81878, AR022240, E12615, AR035193, A92133, E14304, A27396, AR027100, I28266, A49045, E16678, A82653, E16636, A93016, I06859,

341	HWLFF02	846384	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2853 of SEQ ID NO:341, b is an integer of</p>	<p>I18371, I25027, I26929, I44515, I26928, I26930, I26927, A58525, I49890, I44516, AR000006, AR038762, E13740, A58526, A91753, A10361, AF156296, E06034, AF156294, A64081, A13038, A29289, A67220, AJ244004, U87250, AR029417, AR067733, AR029418, AR067734, AR017908, A98467, A84746, AR028672, AR038066, I50882, A68112, A68104, I62368, AR031488, I13521, I52048, I44531, A17115, A18079, D34614, I15353, AR028669, AR028668, AR028667, AR028670, I66495, I66494, I66498, I66497, I66496, I66486, I66487, A02712, X73004, A71440, I19516, Z96142, I13349, A71435, A60109, V00745, AF118808, AR036903, A07699, A97211, E08322, I74623, A11245, A02710, A07700, A13392, A13393, I19517, A76773, I21869, AF156303, AR008430, A22413, A35536, A35537, A02135, A04663, A02136, A04664, I01992, D28584, I08051, AB012117, A70040, A92636, E03165, E16590, A97155, E02221, E13364, E01614, I00079, Y11923, AR028564, AJ244005, AR035975, AR035974, AR035977, AR035976, AR035978, I00081, A98420, A98423, A98432, A98436, A98417, A98427, A83643, I01968, Y17188, AR066482, A13388, E00974, A02228, E00954, E00952, E00953, E00955, I08049, I43960, AR021440, I08776, A10360, E02679, E02104, E02098, A92666, E02001, E01718, E02003, E02102, E03550, E02096, A28163, E02100, E01997, A58998, E02291, E02292, E02293, E01999, E02396, E02327, E01563, E02431, E01693, E01696, AI660957, AW361534, AW361532, AI802756, AW361521, AW361520, AW009763, AI660234, AI802693, AW361523, AI721275, AA581198, AW361522, AW361528, AA296955, AI721121, AA508854, AA297150, AW009764, D25727, AI687981, AI582072, AF127036, AF039400, AF095584, AB017156, AF039401, I95746</p>
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342	HEMF121	846750	15 to 2867, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:341, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2117 of SEQ ID NO:342, b is an integer of 15 to 2131, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:342, and where b is greater than or equal to a + 14.	AI670810, AW195755, AI720056, AW268679, AI400941, AI867849, AA053882, AI672024, AI880208, AI682042, AW196438, AA034417, W27229, AW376127, AA425562, AA883340, AA132258, AI584045, AA770253, AW137059, AA132362, AA132257, AI655564, AA425357, T62545, AW243732, AI972198, AA491390, AI915665, AA721474, AA483037, AI269187, AA724043, AA346646, AW390324, N22655, AW377734, AC006042, AL078581
343	HWLUW6 6	847289	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 545 of SEQ ID NO:343, b is an integer of 15 to 559, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:343, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 545 of SEQ ID NO:343, b is an integer of 15 to 559, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:343, and where b is greater than or equal to a + 14.	AI092556, AW021242, AW020565, AW021073, AL023733
344	HNTEG90	847598	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2609 of SEQ ID NO:344, b is an integer of	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2609 of	AI917905, AI936862, AI341481, AA148185, N63405, AI401201, AA053816, AI161242, AA648713, AI521663, AA451640, AI373082, AI934837, AI955673, AI420746, AA702928, AW070614, AW340072, AA613935, AI335655, AI521891, AA131526, W67613, W47344, AI690236, AA862821, AI800490, AA773815, AA973560, AI351678,

		15 to 2623, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:344, and where b is greater than or equal to a + 14.	AI432990, AI304402, AW169727, AW169352, AI281292, AI571869, AA903920, AI870764, W47446, AA723363, N42756, N95695, W19932, AI280866, R69043, AA716384, AI418610, AA450233, AI088649, AW151043, AA659568, AA856650, AA354839, AA838632, R98511, AA564435, AA883437, R62372, AA679587, W67566, Z39058, AA782520, T97702, N58339, R79680, AI915144, AA613781, AA523398, AW137697, AA921709, R77082, H20304, R98467, AA885375, N77708, AW390950, F02414, AA709073, R79868, AW271580, AA035802, N32539, AA662580, AI954846, AW375866, N69750, H68853, AI283622, AA377701, AI159746, F06141, Z42939, AA131600, T97803, AA831300, AI393223, AA569597, T55707, AA883625, H43183, AI583936, AA083681, AL042667, AL042670, AL031597, Z84477, AF090094, AC002316, AF141325, AL079342, AC004686, AP000152, AC002477, AP000355, AC007384, AC009247, Z84487, AL031667, AC006211, Z68884, Z83840, AL121825, AL008710, AL050307, AF001552, AC005859, AC005529, AP000211, AC008101, AC005899, AC004408, AL031659, AP000563, AC005527, Z93023, AC005225, AL021394, AC007676, AC005602, AB022785, AP000133, AP000694, AF196779, AC005488, AL121655, AC007225, AC007172, AC005368, AC003668, AC007671, AF111168, AC006023, AC005088, AL133243, AC005280, AC004003, L78810, AP000032, Z82208, AC016027, AL031283, AP000113, AP000045, AC007227, AC007021, AL031774, Z93241, AC005829, AL031587, AL049874, AJ246003, AC006241, AC011311, AL117694, AL031433, AP001052 AL120348, W60947, AI889160, AW338051, AW183915, W79237, W20187, AA724916, W94601, N24965, AI025936, R72926, R78423, AW177212, AA113262, AA678912, AA134994, AW089742, W78175, AW176796,
345	HELGG49	848119	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by

		<p>the general formula of a-b, where a is any integer between 1 to 1829 of SEQ ID NO:345, b is an integer of 15 to 1843, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:345, and where b is greater than or equal to a + 14.</p>	<p>AW062704, W95179, AW387272, T96836, AW387269, T96835, AA135097, AW449740, AW178242, R51957, R78424, AI077762, R79882, AW176792, AI867344, R79787, R53624, N44777, AA983349, AA378399, AI274635, AA368087, N91033, AI866362, AW178250, AI590230, AW177211, AA385400, W32787, W60900, AA113408, AW387291, AI349482, AI687944, AI635016, AA804541, AW080157, AI673140, AI241923, AW083374, AI560569, AI866469, AI281825, AI473536, AI364167, AI499570, AI934011, R40363, AI638644, AI828239, AI290677, AI695726, AA641818, AW118311, AI828676, AI687127, AI915291, AW129264, AI813321, AI635851, AI274438, AI470717, AI590043, AI686601, AW089844, AI612750, AI479292, AW105296, AI613038, AI250282, AI524179, AW083572, AI679771, AI538564, H95782, AI580027, AI884318, AW103079, AI633125, AI744268, AI824688, AI419826, AI524626, AW152182, AI571439, AW238688, AW075382, AI678623, AI862024, AI636507, AI049733, AI863002, AI824458, AI701097, AW073677, AI636588, AI540354, AI568293, AI539690, AI670002, AI254731, AI282865, AI538566, AI536836, AI909697, W45039, AI670009, AI627893, AI521560, AI521005, AW105459, AW104141, AA811202, AA969375, AI866691, F37323, AW058304, AI887645, AA057833, AI138221, AI540831, AA765198, AI800648, AI698391, AW004606, AI370623, AI954475, AA743941, AI401697, AI768496, AW088691, AI582932, AI859932, AI619820, AI628325, AI434731, AI889189, AW079075, AI784214, AI632341, AI687809, AI582910, AW008226, AI872423, AI299035, AI683606, AI678446, AW151786, AW168452, AI584130, AW131294, AW198090, AI284484, AW078606,</p>
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346	HWLQQ44	848746	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 870 of SEQ ID NO:346, b is an integer of 15 to 884, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:346, and where b is greater than or equal to a + 14.</p>	<p>AI491775, AL043355, AL117587, AL137533, L10730, AF118558, AF080068, X59812, A77033, A77035, AF183393, X78627, AR020905, AR038854, U66075, AF100752, I89947, I48978, I32738, U35846, A17115, A18079, L10724, X99971, AR034821, AL137550, D44497, AL137271, AF115410, E01314, AL080163, A52184, Z13966, AR060156, S82852, I48979, AL023657, A15345, X97332, A23327, AL137530, AL050138, X68560, Z97214, AL137463, AL137480, AF061981, AL110280, X52220, S75997, X69026, AL080159, A07588, AL117416, AL137716, AL050092, AL137641, AC007559, U52688, A58545, L25851, I33984</p>
347	HFEBT64	849084	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 377 of SEQ ID NO:347, b is an integer of 15 to 391, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:347, and where b is greater than</p>	<p>AW299468, AI432448, AI039818, AA237091, AI571337, AI963695, AI635374, AA932292, AW043706, AI302679, AA236679, AA767544, AI735388, AI590210, AI224546, AA234900, AI085872, AI632813, AI142800, AW002721, AI049665, AI269171, AW242940, AI741857, N68116, H05324, AA513076, R43971, R94225, AI653576, H24266, R97540, Z41226, N67392, AA991730, AA235171, N42646, AA303429, R94321, AP000010, AP000151, D87343</p> <p>AA229611, AL037646, H92426, F24939, AA913850, AA301789, F24173, AA863362, AA484317, F17383, AA552077, AA431836, AA187337, AA364844, F20283, AA935826, AI140872, AA505475, AL037267, AI720966, AA308185, F24109, AA729615, AA654953, AW183987, AI310754, AA746763, AW024998, AA514223, AA385387, F19519, AA505536, AA352591, AI081659, AA426364, AI749192, AW025393, AI206102, AI620973, W31741, AA431433, AA406595, AI357163, F24201, AA353193, AW009735, AA534308, AW089790, AA746620, AA936908, AA973773,</p>

			or equal to $a + 14$ .	<p>AW276943, AI379642, AA737877, AA419110, AA568159, AA419068, AI040090, AA320647, AI143261, AA913396, AI224989, AF052490, N89555, AW001413, AA303971, AA923726, AA359518, F27960, AI312304, W04646, AI284631, AW182543, AI313081, R74226, N85911, AA659531, AA583874, AA188463, AI613388, AI583257, AI312446, AI613369, AA013065, AI525653, AI541056, AI541046, AB028624, D50371, M64751, AA933669</p>
348	HUVFL24	849114	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2526 of SEQ ID NO:348, b is an integer of 15 to 2540, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:348, and where b is greater than or equal to <math>a + 14</math>.</p>	<p>AL048344, AI950115, AW172477, AW181913, AI983863, AA483410, AI680951, AI373684, AI679737, AI982807, AI702704, AI376630, AW364829, AW301257, AA577154, AI276100, AI392682, AI346228, AI755017, AI129655, AA483421, AI355958, AI377466, AI346226, AW243112, AA599194, AA291354, AI867449, AW192169, AI039401, AA993187, AI039363, AI347332, AW028446, AA195096, AW170760, AA088602, W94110, AI952683, AA903895, AI318372, N43002, AI281045, AI751662, AW029488, AI824484, AA483504, AI969610, N33340, AI751802, AW190927, AW195790, AW377484, W78793, AI219284, D79873, AI272316, H70517, R51140, T90487, H94989, R58836, T48112, AA131709, T27668, R51032, AI271684, AI954409, AA195292, H13623, AA317601, AA374263, T90583, H13622, AA151617, AA319878, N84168, AA374874, D58222, D58305, AW029016, R39161, D62479, T11374, AA375326, AL048345, T60972, AW364822, U12535, I57339</p>
349	HAMGR89	849143	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1912 of SEQ ID NO:349, b is an integer of</p>	<p>AI057104, AI924343, AW027047, AI346524, AW173054, AA262787, AA758013, AI224984, AI216119, AI037964, AA775452, AI243424, AA127640, AA917659, AA252367, AA554190, AA702120, AI075969, AA521393, AI912771, AI457766, AW003032, AI206978, AI498603, AI125226, AI351069, AA758629, AI333085,</p>

			<p>15 to 1926, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:349, and where b is greater than or equal to a + 14.</p>	<p>AI274357, AA769280, AI971427, AA127754, AI208861, AW263206, AA975805, AA879117, AA641956, AI332498, AA907144, AI914212, AA252744, AA863367, AA988829, AI798139, AA421392, AI129237, AA418903, AI831664, N33561, AI762673, AA252422, AI439043, AI972006, AI682191, AA778723, AA236305, AI684356, H30712, AA913482, AA421289, AA426549, AW135660, N67782, AI281008, AA758704, AA470805, AW058119, AA806087, AI521486, AI268155, AA826129, AI243015, AA069144, H25266, AI076789, AA730016, W03584, H44413, H21786, N33856, AA256211, R88667, AA262880, H14303, AA036951, AI572244, H41955, H21785, AA775368, AA872501, AA069232, AI492089, AW351843, AI344111, AI015706, AW138103, AW003047, AA524866, AA036992, AI949929, AI380912, H26793, AA845748, H41912, AA877131, AI910782, R88668, AA770241, AI265766, AA884896, AA627474, AI110676, AA757230, AA758959, U05343, U05342, AC006011, AF003187, AF090892</p>
350	HKLSA38	849155	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1219 of SEQ ID NO:350, b is an integer of 15 to 1233, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:350, and where b is greater than or equal to a + 14.</p>	<p>AI791848, AI733006, AI821607, AI749022, AI791402, AI688364, AI802646, AW339702, AI332718, AA911903, AI264549, AW135107, AA554298, T28152, AI630471, R93269, AI630620, R21092, AI630547, AI630304, AW376630, R93176, R46266, AW083254, AW376846, AI630112, AI630078, AI630378, M33987, X05014, L25082, L11621, L11622, I95751, S81738</p>
351	HWLCG11	849159	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AA527591, C05803, AI304573, AI695136, C06042, C06062, AI833234, AA577615, AI281195, AI707997, AW360772, AA058357, AA058456, AI625936,</p>

		<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2496 of SEQ ID NO:351, b is an integer of 15 to 2510, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:351, and where b is greater than or equal to a + 14.</p>	AA327251, AW361899, T11144, AW388291, T27413, T29474, AW362727, AW376234, AI720037, AW360762, AW376475, AW376508, AA152037, C17238, AA316326, C17271, AW383505, AW383659, AA132781, AW377083, AW377034, AW383654, R80286, H71086, AW376560, R32538, AW383479, N48836, R32065, C17144, C18584, AA369133, AW375748, AW383465, AI475371, AL047042, AW375755, AW375758, AL040243, AL121365, R20927, R73953, AL121270, AL047763, AI521012, AI064830, R82602, AL045500, AW162071, AI349772, AW071417, AL119791, AI436456, AW301409, AI349645, AI275175, AI433976, AI433157, AI697137, AI687728, R25474, AI636456, AI868831, AW071349, AW103371, AI866780, AW274192, AW117882, AI635461, AI440239, AI285735, AI620284, AL135661, AI702406, AI564719, H02270, AI538716, AW074993, AI445432, AL036146, AI349004, AI250293, AI625079, AW268253, AI815383, AL119748, AI340582, AI349933, AL036396, AI349256, AI568870, AI863014, AI612913, X98311, L31792, AF006622, M18728, E01972, M18216, I08158, AC004558, AC005797, AC005392, D90064, M29541, M29540, X52378, M17303, M20881, M94891, M21822, AR044683, X17097, E03349, I08160, M25385, U18469, AC004654, D12502, I08169, AC004610, A43167, AC005238, I08161, J03858, I08156, I08157, M33664, AC005260, U18468, E01630, M15042, X16354, U18467, M17908, AF006623, E03351, I08159, A43165, M69176, M72238, D90312, D90313, E03352, E03350, AR052808, AR052807, AC004785, AC005791, D90311, A43169, X16455, AC004603, A39900, E01971, E03348, M22434, M34420, M37399, A23031, M23575, M37397, M34715, M20879, J04539, M33663, M93061, X16356, M22312, M33665, M30629, M33666, M31125, M76742, S59494,
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352	HMSJT69	849244	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2751 of SEQ ID NO:352, b is an integer of 15 to 2765, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:352, and where b is greater than or equal to a + 14.</p>	<p>M30628, M17082, M16234, U04349, M16337, AC002467, AC004559, M59256, M93705, AL096776, AF110325, I08155, I08165, M32624, M93701, L14724, M22311, I48979, AL110221, AF113690, AF090903</p> <p>AL138385, AW069288, AI628359, AI052134, AA432267, AI458075, AI476266, AA431256, AI360949, AI768605, AA890563, AA838729, AI262833, AI567507, AA890333, AI089644, AA194632, AI373864, AI745574, AI056436, AI095714, AI280712, AI290941, AA810651, AA418342, AW024465, AA410342, W20080, AI435811, AA397706, AA838326, AA860500, AI472025, AI275854, AA156454, AW243125, W76607, AI139528, AI985532, AA626087, AA209472, AA279471, AI858171, AI920804, AI197937, AA676504, AI632833, AW130827, W31803, AA93680, AA007279, AA564981, N32441, W72009, AI274286, N35912, AI439836, AI653447, AI554346, AA418300, AA435925, AI038657, AA969728, AW193440, AA651840, AI694970, AA165622, AI368697, AA810662, AA630452, AA476639, AA193407, AI587402, N48087, AI199987, AA649126, AA854457, AI492972, W15321, H65871, N53285, AA780577, AI805624, AW194835, AI333349, AA194688, W04701, N25790, AW374110, AI539628, R83595, AA147583, AA757161, W16998, N23736, Z24876, AA115096, AA406255, AA630461, AA165658, F01168, AW338576, R70844, AA649290, AA093709, R70817, AA302403, W19813, AA639258, N58849, Z24907, AA342107, F01095, AA300170, AA913741, F00181, AA193643, AA731459, H65872, AA312979, T35617, N75263, R70790, AA115095, AI245223, AA372937, AI520754, AI887615, R39487, AA375943, AA887983, AA629147, AA363098, AA709267, N91475, AA424959, AA480455, F00193, N84408, R29459, AI273015, AI928137,</p>
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	C00067, AA836506, N90014, AI556986, AA342108, R39488, AI590943, AI469280, AL138386, AI354609, AA211870, AA078889, AW087901, AW302965, AL048656, AI801152, N42321, AL036631, AI469532, AI933589, AL041150, AI932638, AW022636, AI537244, AI567582, AL120853, AI918449, AI872804, AI797908, AW162118, AL120254, AW050522, AI288050, AW161156, AI866465, AI973152, AA580663, AI274745, AW008353, AI254727, AW023338, AA613907, AA641818, AW059828, AI340603, AI345745, AW151136, AW022699, AI783504, AL040241, AL119836, AI340519, AI345608, AI859991, AI473451, AI610667, AI335426, AL041772, AI348777, AI345347, AI587121, AL036673, AI345471, AW161579, AL119863, AI623941, AI440239, AL036274, AI538342, AI580198, AI473536, AW129271, AI267502, AI312428, H89138, AA974049, AL045774, AL037454, AL038605, AW162189, AW020095, AI500061, AL119791, AI433157, AI702073, AI343091, AI801325, AI620284, AL047344, AL045349, AI537677, AW131139, AI697137, AI866770, AI343059, AI288285, AI699865, AI633125, AW023590, AR027227, AC006039, AC006254, M25757, AB021870, AB020203, D13062, D10373, I48978, Y11587, A08916, A08910, I89947, A08909, AF087943, AL110196, AL133568, AL137488, AF113694, AF183393, A08913, AL137529, AL133016, I48979, AL050393, X65873, AF097996, AF031147, AJ003118, S78214, AL117457, AF104032, A58524, A58523, E06743, AF069506, AR038854, I89931, Y11254, AL049382, AF146568, U91329, I49625, AL133010, AF079763, I30339, I30334, A08912, AL050172, AL133104, AL049283, AL110221, AL096744, AF177401, A03736, A08908, AF176651, E15569, AF113013, AF078844, AF119337, E02349,

	AL137521, A65341, Z82022, AJ242859, AF026124, U96683, I66342, X72889, AR011880, AF026816, AF065135, AL137550, AF158248, U35846, AB019565, AL117648, AR000496, AF113699, U39656, AL049314, AF113691, E01614, E13364, AL080060, AF091084, AF113019, A18777, AR038969, AF067728, AL080159, AF132676, AF061836, E07108, AF090903, AL137705, AL050092, AJ006417, AF111112, S61953, AF113690, AJ000937, AL133080, AL049452, AF118090, AL137271, AL050108, AL080137, AF090901, AL050138, AF090934, E12747, X53587, AF162270, AL137429, AF100931, Y16645, AF118094, AL122050, AL117416, AF153205, I17544, AF090900, L31396, AL133565, L31397, AF207750, X82434, AL133558, AL049466, A77033, A77035, X62580, I46765, AL117649, AL050149, AF125948, AL110225, AF139986, AL137476, AL050277, AL137557, I33392, AL133640, X84990, AL133075, A07647, AF067790, AL117435, AL122121, AJ012755, AF061943, I68732, AL080074, I09360, AL117583, X92070, AL137533, AL122118, AF079765, X63574, I00734, U88966, I89934, X81464, E03348, AF113689, AL133093, AL137478, I42402, L30117, AL110197, AR059958, AL117460, AF125949, E00617, E00717, E00778, AL050146, AL117440, AL137656, S68736, AF185576, AL050155, AL133072, AL133606, AF008439, AL133560, E07361, AC002467, AL137556, AF017437, AF090943, U67958, AL049430, I03321, AL133081, AL122111, AL137459, AL133067, AL137538, AF111849, A93350, AF017152, AL133665, AL050116, S77771, AF090896, U80742, Y07905, AL137292, AF106862, AF032666, AF081197, X98834, AF081195, AL110218, A21103, AR013797, AB016226, AL049300, S36676, AF057300, AL133557, AF057299, AL122100, S79832, AF106657, X93495, L04504, AF022363, X83508, AL137300, AL137480, AL050024, A08911,

353	HRABQ68	849254	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1741 of SEQ ID NO:353, b is an integer of 15 to 1755, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:353, and where b is greater than or equal to a + 14.</p>	<p>AL122110, AF113677          AI658942, AI073501, AA115117, H98127, AI806706, AW168242, AI655609, AI655984, AW274902, AW006899, AI885616, AI384005, AI862770, AI263856, AI805199, AI860971, W56482, AI927659, AI700992, AI478328, AA446933, AW005666, AI401220, AI002968, AI239846, AI991692, AW243427, AI431875, AI803408, AI934553, AW001841, AI888998, AW236761, AI095646, AI933307, AA515023, AI767611, AW052057, AA732809, AI767365, AA483834, W19503, AI335894, AI769598, AI469185, AI373940, W77850, N24889, W76349, AA830445, AA910254, AI566141, AA393040, AA479892, AA446405, AA494336, AA705715, AA446102, AI915890, W72066, AI350242, AA968989, AA114984, AA694343, AI253128, AI924901, AI459276, AA777527, AA677612, AI347431, AA705410, W23147, AI380860, AI200130, AI376116, AI768679, N89909, AI985312, AI525783, AI275869, AI351640, AA831584, AI267998, Z44422, AA428481, R81016, AA037021, H05027, AI474669, T65440, N30410, AI805668, AI016763, AI474756, F19207, H09217, AA026056, AI867151, H26914, AI247857, AW004768, H05026, F11974, AW299503, H09160, H89142, H51707, AA321265, AI194080, R22503, T65523, H84691, D57031, AA904940, F03518, R20788, AA412151, AI886333, AI470794, R22504, AI267943, N90505, N36309, AI191205, R20897, N69242, AI201656, N42442, R80813, W72126, AI370527, AI864366, AI565381, AI075116, AI474804, AI363797, D11903, AI362662, H28521, AA322013, AA319092, AI872426, D20588, AA683513          AI870516, AI800720, AI609383, AW081618, AI559974, AI884700, AI924507, AI554441, AL041032, AI860536, AW411215, AI354984, AI200963, AW090831, AW173652, AI355847,</p>
354	H2CBM53	849301	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	

		<p>the general formula of a-b, where a is any integer between 1 to 1945 of SEQ ID NO:354, b is an integer of 15 to 1959, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:354, and where b is greater than or equal to a + 14.</p>	<p>AW193963, AI690567, AI671643, AW080817, AW439627, AW411216, AI523666, AW190138, AA460115, AI815168, AA628750, AW303677, AW273126, AA307760, AA588505, AW081271, AA461467, AI476314, AI590145, AI367650, W38689, AI186122, AW194684, N93223, AW337835, AW009877, AW328092, AA729034, AA758334, AI762486, AA973275, AA629564, AI128342, AA393056, AA768796, AW409782, AI160818, AI201801, AA630695, AI147630, AI364925, AW410398, AA594880, AI273645, AW304994, AA069681, AI150181, AW089774, AI168015, AA583096, AW402669, AI217443, AA516446, AW008046, AA418741, AA418796, AL079630, AA235099, AA234818, AI582401, AA190876, AI214413, AI275005, AA947504, AI049585, AW006655, AA665857, AI061312, AI341729, AA086389, AA182616, AI277727, AI084902, AA055467, AA632690, AA099209, AI368922, AI457245, W40557, AI276424, AI224401, W42773, AA808372, AW439176, AA112869, AI492863, AA134430, AA666010, AW088139, AA134431, AW173464, AA099223, W96211, AA079789, AI866892, AA226901, AW263957, AW328091, D53195, AA100024, AA533486, W42771, N78824, AW193163, AA306634, AA612645, AI630109, AA503354, AA306812, AI183509, AI940112, AA190845, AA384761, T78592, AA329920, AA182548, AA085082, W07253, AA887837, AA329653, N99955, D53990, AI940109, AI097159, AI866784, D56186, AW088872, AA263176, AI591373, AA056273, AA761535, T79067, AA227011, AW089525, T90687, AW374308, AW410397, AI871389, AI718948, AA860113, AW405415, AA112665, AA361589, AA338825, N52617, T90242, AA315239, AA199595, T28236, AA079676, AA412729, AA055555, AA112666, AI678334, AA670138, AA299212, AA088904,</p>
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355	HPRTG34	849317	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1053 of SEQ ID NO:355, b is an integer of 15 to 1067, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:355, and where b is greater than or equal to a + 14.</p>	AA308250, AW078992, AA136478, AA352473, AI885977, AA622899, AI557920, AI472504, AA263021, AI926362, D19880, T16465, AA378252, AA748823, D56311, N85193, AW361343, AA626604, AW410391, AA055687, AA054667, AA083863, AA344435, W40555, AA358220, AW004936, W96304, AL045598, AA740422, AW368315, AI204321, AA083969, AI685692, AI273278, AI354992, X55362, E05957, M20372, M92441, M87223, J04791, M16982, S64539, M20617, M10624, AR042893, X64710, M12330, M33764, X16277, M34158, M81740, J02813, M31061, X16910, U36394, X07392, J03733, X07944, J04792, M12331, D16972, X53271, D28365 AL037564, AA453720, AA210900, H98015, AA843650, AI040004, AI220995, AI016091, AI435584, AI334212, W32177, AI192446, AI082214, AI399914, N44254, N35637, AI284980, W47143, AA134775, W93029, N36380, AA134774, W92984, AA700090, AA806713, H82499, AI800392, AA832323, W47192, N26526, W93135, W92918, AA375408, N35098, AA887117, AA871989, AA353433, N43841, AA872002, AW376122, D62615, AI582085, AA887456, AI868549, W32010, D62467, AA385192, AA447788, T26924, AA210901, T24867, N84003, N86900, AL036885, AA627889, W31385, I89947, AA872003, AA873883 AI246770, AI377933, AI761199, AI582622, AI819187, AW192622, AI762504, AI380444, AI123719, AA478657, AI126230, AI719024, AI921857, AI432426, AI022358, AI333183, AI810529, AI916005, AI884681, AI140905, AI343423, AI246424, AI250883, AI250885, AI200012, AW009851, AA181198, AA155749, AI332724, AI086038, AA856788, AI879585, AI879707, AI370881, AI347370, AI203506, AI360051, AA954858, AA970945, AW339115, AI081304, AI879202, AI280414, AI346236,
356	HE8DO31	849332	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1009 of SEQ ID NO:356, b is an integer of 15 to 1023, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:356, and where b is greater than</p>	AI246770, AI377933, AI761199, AI582622, AI819187, AW192622, AI762504, AI380444, AI123719, AA478657, AI126230, AI719024, AI921857, AI432426, AI022358, AI333183, AI810529, AI916005, AI884681, AI140905, AI343423, AI246424, AI250883, AI250885, AI200012, AW009851, AA181198, AA155749, AI332724, AI086038, AA856788, AI879585, AI879707, AI370881, AI347370, AI203506, AI360051, AA954858, AA970945, AW339115, AI081304, AI879202, AI280414, AI346236,

			or equal to a + 14.	AA847775, AA658469, AI086949, AA025436, AI400971, N27005, AA832161, AI202673, AI810468, AW083414, AI219951, W19276, AA468676, AA812273, AA479197, W47357, AA256365, AA327573, AA256364, AA147387, H41525, N40127, AI738810, AA357136, AW135116, AW136509, AA364038, AA808931, AA187044, AI468337, AW044664, AI916117, AI698850, AI520913, AI768430, AI273687, AA535489, AI636213, H46492, R07159, W47356, AI885612, AA535798, AI498440, AA659491, AA327583, R07158, AA025435, AI928752, AA877568, AA053434, T25510, C02250, T26909, AA578776, D83198, Z60270
357	HAIDB85	849422	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1939 of SEQ ID NO:357, b is an integer of 15 to 1953, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:357, and where b is greater than or equal to a + 14.</p>	AI633566, AI035927, AW082315, AI285786, AL037767, AI708861, AI419414, AI284177, AW192459, AI151396, AA612739, AA134855, AI815685, AA689334, AA586813, AA968598, AA304835, AA626463, AA001819, W49728, AA626099, AA127695, AI149127, AI750750, AA724294, AA452323, AA719312, AA315574, AA173084, AI034293, AW239174, AA844519, AA082487, AA253375, AA081790, AA282163, D51303, AI208895, AA810675, AA720605, W04959, AW407689, AA644649, AA334603, R13836, AI366334, AI804247, AI264107, AA908291, AA102713, R86037, AA354729, AA131961, AA232457, AI383333, H06667, H12962, T81299, AA810674, AI377092, AA337127, W25665, AA196179, AA034964, Z21248, T54845, N39971, AA333529, T68528, AA356322, W00470, AA164635, AA644616, N42849, AA196152, X85724, AW365561, AA374119, AI284135, AI300595, AA164658, N53818, AA379168, T93858, AA242902, W01108, AI076637, AA083193, AI192401, AA242858, AI287983, AA232723, AA172366, AR000521, AL035071, U51196, U75920 AI421195, AI823602, AW007122, AI738743, AW075980, AI815121, AA576854, AA777517,
358	HMCIR67	849471	Preferably excluded from the present invention are one or more	

			<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2012 of SEQ ID NO:358, b is an integer of 15 to 2026, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:358, and where b is greater than or equal to a + 14.</p>	<p>AI033832, AI342602, AA536141, AI634282, AI202694, AI076677, AI057413, AA781616, AW297480, T50718, W92897, R48717, AA468674, AA533325, R48613, R93351, T50872, T27871, AI032233, AI419563, R76437, W92673, AI679196, AI948938, R76436, AI872272, R93352, AI424697, AI749473, M80647, M80646, L18868, D31798, D28773, L13128, AC004914, M74055, AC004961, S60133, AF107462, D34621, L36083, L36075, D34613, AC006021, D34625, L36087, U88978, L36086, D34624, L36081, D34619, D34623, L36082, L36085, D34620, U41333, L36079, D34617, L36076, L36078, D34616, D34614, L36084, D34622, U41329, D34618, L36080, D34615, L36077</p>
359	HKAJC79	849492	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1785 of SEQ ID NO:359, b is an integer of 15 to 1799, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:359, and where b is greater than or equal to a + 14.</p>	<p>AA742540, AI949524, AW009332, AI201176, AI768723, AA715094, AA831472, AW102922, AI499236, AI823609, AW261975, AW152666, AA457035, AI983270, AW418518, AW268358, AI672287, AI680566, AA877765, AA572955, AI937271, AA251282, AA126413, AA477257, AA668906, AW273880, AI985481, AA668840, AA890291, AA779485, AA632088, AA490994, AA934761, AA464997, AW152662, AA779468, AA491190, AI910978, AA719863, AA719844, AA814688, AI088595, AI864615, H98197, AA946609, AI201916, AA932316, AA621623, AA484077, AA743202, AI129689, AI142981, AA864712, AI368073, AA310074, AI079256, AA736521, AI434206, AA405892, AA736756, AA862664, AA772608, AA455277, AI022982, AA861894, AA975691, AA053973, AI089987, AI707806, AI150546, AA824433, AA774459, AA405768, AA010721, AA477905, AI148247, AA629311, AI087197, AA011168, AA554239, AA772485, AA251691, AA427464, AA932687, AI825437, AA877501, AI768582, AA779638, R77334, H99885,</p>

			<p>AA456879, AA046249, T74509, AA865588, AA815149, T78289, H71005, AA019149, W52322, N55011, AI631616, H24844, H47049, AI934170, H58128, T07785, AA531525, AW129329, R66628, AI261961, AA991725, AA629053, H99921, AA531560, H21398, R38023, AI453401, AW002331, R69000, T91190, R77280, R09085, T24004, H58129, AA099598, F12475, H94358, T40435, H03006, AA483171, T28233, F00855, H75331, R83645, AA018371, AW379482, H61533, H01774, AI748829, R80893, AA922532, R16458, R16463, N78106, AA897541, R67959, AW195838, H75946, H70920, AA099604, R97163, H21444, R69001, R09086, W05189, AA578112, R66629, H01025, N28571, R38160, AA877775, H46510, T84698, AA046368, AA598492, D54847, H98196, AA035270, N77201, AA126538, N73849, AI439580, AI436620, AW364833, AA552980, R97162, AI630014, M74525, AC001479, X53251, U57690, X96859, M62388, M62387, AF144083, U04308, AC005354, U04306, U04303, U04304</p>
360	HCRMPI4	849534	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 496 of SEQ ID NO:360, b is an integer of 15 to 510, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:360, and where b is greater than or equal to a + 14.</p> <p>AA907128, AI017816, AW169350, W46974, R46497, AW449613, AW292741, AA531185, R41684, AA834533, AI075225, AW338342, H97931, AI813765, AA862837, AW058435, AA862832, AI635400, H71799, AI698932, AI832997, R41518, AI422989, AA190880, T16160, AA069733, AW023243, AA204873, AA743455, R98696, AA370347, AA806415, N71872, AW408592, D20034, AW296083, AL045327, AL045328, AL134524, AL134110, N73655, H62822, AL047163, AL037295, AL038838, AL037343, AI547295, AL042898, AL038983, AI142134, AL037436, AL037335, AL037323, AL037727, AL037443, AL038532, AL044125, AL041347, AL037435, AL038822, AL040193, AL044162, AL047012, AL043923, AL043814, AL040463, AL047170, AL041238, AL044186, AL044037, AL040617, AL043496,</p>



	AL041635, AL040294, AL043845, AL044064, AL041459, AL041577, AL047219, AL038761, AL040625, AL045684, AL041752, AL043538, AL040621, AL046850, AL040768, AL046994, AL046914, AL040052, AL040464, AL040510, AL043467, AL043677, AL040839, AL043492, AL041602, AL044074, AL041730, AL041523, AL043627, AL041374, AL040576, AL043848, AL043570, AL047183, AL040472, AL045753, AL041324, AL040444, AL046442, AL041133, AL042135, AL045671, AL039316, AL041098, AL040322, AL038651, AL046392, AL041955, AL039360, AL039643, AL040119, AL044272, AL041096, AL044258, D29033, AL042096, AL041168, AL041163, AL041159, AL041246, AL045920, AL040148, AL047057, AL041296, AL040458, AL044187, AL041358, AL041086, AL041292, AL049018, AL045990, AL040571, AL041346, AL041142, AL040332, AL038745, AL045817, AL039338, AL079878, AL040075, AL079852, AL037341, AL040529, AL041197, AL041233, AL046330, AL044274, AL040745, AL040370, AL039432, AL040128, AL048677, AL044199, AL040553, AL047037, AL047036, AL040342, AL041186, AL040414, AL040149, AL038878, AL039744, AL041277, AL040285, AL040155, AL040091, AL044165, AL041131, AL043941, AL040090, AL037279, AL045989, AL041051, AL040168, AI318479, AL043775, AL041344, AL040253, AL041227, AL040082, AL045857, U46344, AI547291, AL040329, AL135012, AL041278, AL043444, AL048714, AL038024, AL047340, AL040263, AL042523, AL048657, AL045494, AL040238, AL040255, AL042468, AL045725, AL042420, AL045891, AL039915, AL043612, AL038040, AW363350, AL042655, AL038041,

361	HPRAO21	849565	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1073 of SEQ ID NO:361, b is an integer of 15 to 1087, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:361, and where b is greater than or equal to a + 14.</p>	<p>AI547258, AL042741, AL038463, AL043089, AL043321, AL046356, AL042488, AF052178, AJ238010, AR066494, AR064707, A93923, D17247, A93916, A93931, A85203, AL122101, AL133053, AL133074, AR023813, AL133049</p> <p>AI052135, AI890107, AI686770, AI963006, AI984506, AI961271, AA843515, AI220462, AI419384, AA885293, AI207618, AI963413, AI459597, AW025000, AA603448, AW363852, AI758891, AW392559, AA989465, AA503215, AI830067, AI034409, AA470621, AI673484, AI140068, AI040846, AI219825, AA864780, AI922639, AA933051, AI864888, AA865451, AA694072, AI146368, AA992845, N36326, AI493767, AA845369, AI278500, N32540, AI298514, AI000823, AI276994, AA781543, N29985, AW007592, AI354457, AW169756, N29254, AW192206, AA971940, AA938756, AW002816, AI270311, AI052332, AI660591, W44763, W17329, AA534770, AW380393, AA974319, H97778, AW023687, AI299161, AI300275, AI282801, AA729903, AW392564, N25177, AI872857, C75063, AW362058, N20541, T29041, H70688, AA828722, N91557, AW379047, H66828, AW392567, H72848, N68129, T62868, AI690659, N90163, AW151492, H88000, N93149, AI127148, H72404, AA341079, AW079633, AI818665, AW379016, N30761, AI570742, AA370668, AW379021, AI570730, N47849, W86859, H16104, R89407, D29131, AI459018, R21200, T58996, AA370507, AA724664, H15806, AW392560, AI872592, R89322, AI041668, N36044, AI420834, T59069, AA665915, W39110, AI932569, R76517, T62718, R76518, W02950, H90052, W19111, R22815, N85687, AW131986, AA345529, R21927, AA886259, N71586, AA366223, T25987, T11384, H88174, D29295, W38680, R22577, W73312, N32629, H66827, Z35415, Z13009</p>
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362	HAIBU93	849583	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2259 of SEQ ID NO:362, b is an integer of 15 to 2273, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:362, and where b is greater than or equal to a + 14.</p>	AA399232, AA214221, AA214177, AA459064, AI217132, AW339584, AA398082, AA442330, AW294203, AI917452, AW403072, AI220568, AA458874, AA193291, AW370558, AW370567, AA417244, AI761150, AA906703, C01285, W27419, AA810767, AI952624, R15252, T05960, AW105600, N50941, T15642, AA813317, AA992859, T35055, H15240, AA340392, AI016379, AI187986, AI798100, AA781802, AA379493, H15178, AW370622, AI783874, AA369389, AW370623, AA194237, T25074, AA808556, AI358612, AL041918, AW191003, I64695, AL031602, X70514, E01614, E13364
363	HCFMH52	849589	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1834 of SEQ ID NO:363, b is an integer of 15 to 1848, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:363, and where b is greater than or equal to a + 14.</p>	AW392529, AI174700, AW392532, AI816050, AA173896, AL044183, N28894, AI276665, AA488136, AW235051, AA425206, AA173973, AA143588, AI088813, AI375591, AI682282, AA131957, AA552394, AI372077, AI815968, AI189556, AA131870, AA195221, AW405832, AI913758, H11682, AI160025, AI080684, AI274922, N42210, W31775, N56608, AA173540, AW006017, AA970729, AA173599, AI141364, N40261, AA769471, AA765730, AA143589, AA805505, D53701, AA835965, AA160875, AI128815, AW439438, AI358415, H73591, AW006016, AA101513, AA918239, AA085473, AA101590, W04674, AA975223, AI445105, N29653, AA766497, AA338102, H85230, H11594, AA354823, AI289645, AA356478, AA189014, AA429650, R85283, AW392524, AI565353, AA732660, AI942444, H98176, AA189015, AA825691, AW193155, AA159876, AA101512, AI620615, H73817, W25687, AA912092, AA356309, R34828, R84501, AW406393, AA373687, D60569, T24902, AA425651, H49162, T89376, AA432349, AW188489, AA813807, AI380128, AI471358, AA295075, Z21155, AW381345, T80058, AI827055, AI619999, AA256402, AA256194, AA503863, AI918437, AI358712, R58308, AL041924, AI282253, AI250821, AL110373, AL042694,

364	HMVAE41	849658	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1794 of SEQ ID NO:364, b is an integer of 15 to 1808, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:364, and where b is greater than or equal to a + 14.</p>	<p>AL045943, AI912496, AI274626, AI242505, AL042377, AA760655, AI691006, AB009282, AR052337, Y12517, X96392, AL031732, AC002416, AC005296, AP000152, AC018769, AC006203, AL031681, AC004832, AL031281, Z98036, AP000011, AC004797, AC002540, AL008735, AP000104, AC004554, AL034417, X78627, AC007390, AC005224, AL049557, AC004383, AC005585, AL030998, AC006222, AP000340, AP000344</p> <p>AW300205, AI634862, AI636211, AW117753, N91173, AW168897, AA983273, AW002887, AI435122, AI674869, AI374834, AW081459, AW271351, AW237603, AI818463, AI025174, AI559577, AA758512, N48695, AI492924, AW168956, AA291263, AI476602, AA209287, AI953330, AI702174, AI590318, N29813, AA653205, AA908587, W19735, AI679742, AA255954, N49753, M86083, AI303020, AA148623, N89992, T31216, T16818, AW087559, N72208, AA642349, N45545, AL044337, W19616, AA256117, AI276869, N52681, T86722, N59844, N51450, AA319376, D61438, AW391658, W31671, AI702072, AI623267, AI692792, AI014575, AW151467, AW389355, D57869, N22895, AW449444, N55976, N90029, W17143, AF020762</p>
365	HMSDT39	849666	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1266 of SEQ ID NO:365, b is an integer of 15 to 1280, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:365, and where b is greater than or equal to a + 14.</p>	<p>AW009696, AI564501, AI338422, AI686931, AI830964, AW104148, AA627656, AW006174, AI680983, AW419082, AW103434, AA993858, AA522877, AI433080, AA617814, AA622024, AA554556, AA779573, AA570328, AA657985, AI469240, AW001139, AA743027, AA731026, AI376559, AA614745, AI683021, AI805646, AA564744, AW327272, AW189407, AA772612, AA552120, AA580117, AA9222942, AI424857, AL047290, AW304111, AI820019, AA858092, AI160220, AA626035, AW328246, AW169771, AW328245, AW194365, N41032, AI934782, AA305951,</p>

	AI565547, AI420886, AA541658, AA121148, AI282967, AI862584, AA935695, AI767434, AA732156, AI538727, R70257, AI367619, AI435015, AI695001, AI500534, AA463702, AW072210, AI681713, AA764755, AI261773, AA577037, AW270152, AA522789, AI209005, AI352465, AA993024, AW119091, AW005720, AA121128, AI470307, AA961169, AI628473, AA486942, AA632943, AA470737, AI652250, AI581601, AI915065, AI332465, AI770027, AI971332, T28946, AA306606, AI420057, AA935777, AA532671, AI631581, AI341401, AI829777, AI380770, R70307, AA486766, AI630939, H49082, H49164, AI208022, AA299673, AA532764, AA844602, N94413, AW384764, F17865, AA985013, AA770317, AA663958, H45766, N47133, AA463764, R76630, AW276648, AI160446, AA764756, H45767, AW169784, AI633300, AI537643, AI800473, AI537677, AI873638, AI612057, AI345677, AI345688, AI927233, AI886594, AI653402, AI357644, AI866419, AW085373, AI560545, AI679261, AA580663, AI366985, AI628188, AI308035, AW268060, AW302973, AW079432, AW302073, AW169671, AI932739, AI318254, AI500113, AW191844, AW080076, AW081383, AI589428, AW051088, AI539781, AI249877, AI434242, AW148882, AI349646, AW082532, AI797794, AI587606, AW079334, AI633061, AI866691, AI358213, AI613471, AI318609, AI933992, AW268261, AW163834, AI915210, AW411412, AI309420, AW182790, AI348847, AW051727, AI886016, AI798271, AW088903, AI954721, AI250646, AA693331, AI569367, AI446023, AI888621, AI860697, AI357599, AA070889, AI539707, AW195943, AI144116, AI376376, AI289791, AW075382, AI138452, AI866919, H03560, AI612068, AI345787,

	AL043084, M94345, X54511, U12026, AF199027, E03348, E03349, A45787, AF143957, A18777, AF205861, X59414, AF161699, U77594, S78214, I48978, AL137521, X82434, Y14314, AL050155, AB028451, M86826, U96683, U67958, U75604, X83544, S77771, I29004, X66417, AF113690, AF016271, AL050138, U36585, X83508, AR038854, AL133636, AF067420, AR029490, AL137555, X99717, I25049, A52563, AR012379, E12579, AF026008, AL110224, AJ012582, AL035407, AL137627, A07588, AF036941, Z13966, A08913, AL137574, Y13653, I89931, AF175903, A08912, U83172, A08910, AF055917, A08911, AC007390, I49625, A08909, AL117648, Y11435, L19437, AB026995, AF089818, AF132676, AF061836, AL049460, AF017152, AF158248, U62966, AC004383, AR016469, A08907, A08908, AF038847, S76508, AF114168, I89934, AL034417, AL049347, A32826, A32827, S61953, AF100931, AL049339, A65340, AL117583, AB007812, AF118558, U00686, I66342, AF040751, AL137254, AL133619, AR068466, AL117629, AR053103, A18788, Z98036, AF035161, AL137659, AF169154, AL137461, X84990, AF162270, I30339, I30334, AL049466, AF113691, AF022813, AL122111, X63162, E12580, I89947, AL137294, AC004213, AL022170, AR029580, S54890, Y11587, AL137478, AL117626, AL137271, AF155119, AF183393, AL137554, X57084, AL023657, AL096744, I25048, AF044323, AF151109, U80742, I32738, E01963, AL117432, AL133049, AL110280, AF012536, AF065135, A57389, I42402, L30117, S68736, AF004162, AL137665, U88966, AL031346, AF095901, AC004987, D55641, E12747, AF111112, A30330, A30331, A21103, AF000167, AF097996, AF067728, X87582, A65341, E05822, AF215669, X99257, I48979, AF162782, AL122106, L13297, AL117416, X55446, AR060156, AL080127, E07108,

366	HE8NK24	849679	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2124 of SEQ ID NO:366, b is an integer of 15 to 2138, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:366, and where b is greater than or equal to a + 14.</p>	<p>AL137705, AF030513, AR068182, AF098162, AF182215, X52128, AC002464, AC005291, AF016628, AL137300, A65965, AF017437, L10353, AF118064, A83556, AF061263, I33392, AL133099, I36502, AF061795, AF151685, AL133016, AF125948, AJ003118, AL137547, AL080137, A65943, AF106934, AL096751, AF085809, AL133606, U75370, AL137268, X99226, AL133623, I89944, AL034400, AC006112, AF148129, AR000496, U39656, AL050277, Z30970, AL137267, AL137556, AL137523, AL078630, E15582, AF134726, D83989, E04233</p>
367	HWHQP08	849741	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3165 of SEQ ID NO:367, b is an integer of 15 to 3179, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:367, and where b is greater than or equal to a + 14.</p>	<p>AW000957, AI149682, N54552, AA677417, AI004751, AA992602, AW080433, AA508779, AI268652, AA836008, AW402796, AA720688, AA233670, AW193422, AW337371, AW302406, AW367620, AA233609, AA887284, AA081954, AA630594, AI190420, T55505, R07480, T55428, T10635, AI682187, AI264725, F03986, R07532, T97965, AW367619, AA384042, AW391626, AI620711, AW367850, AF042378, AJ003061, AJ003062, AF052663, L13801, L13800</p> <p>AW134989, W29043, AW137089, AA310151, AW137100, AA280092, AA652688, AI922824, AW292281, AI798823, AI986453, AI083672, AA489006, AI831941, AI383505, AI085344, AI356359, AA041528, R52438, AA030002, AA972328, AA524059, AI223070, AI580243, AA732474, AA825704, AI381602, AA252748, AA480915, AA028986, T17469, AW070405, AW102620, AA911995, T16192, AA805396, R52453, AA814395, AA749176, AA814416, AA721721, AW169884, AI953882, AI097342, T29132, N51775, AI289287, AI400795, AI383504, AW242681, AI351241, AA039904, AI972601, AA480859, AI372039, AI961141, AI916886, AI203089,</p>

	AI061316, AA621468, AI702252, AA325608, AI638016, T77415, AA862644, T67229, AW194681, AA954305, AW408608, AI678021, AI289766, AW166565, AW243385, F09137, T17470, AI288152, AA262884, R39524, R40013, AI559481, AI208984, AI783861, AI636719, AI866127, AA848053, AI619716, AI932949, AI625464, AI473451, AI431909, AI859464, AI474107, AA911767, AW149925, AW243886, AI633125, AI539632, AI799199, AI670009, AI955906, AI799234, AA833760, AI624293, AI886206, AW087534, AI433157, AI702073, AI344785, AW163823, AA830821, AI868204, AI570807, AI470293, AW026882, AI927755, AW152182, AI568138, AL121037, AI873644, AI538564, AI567351, AL110306, AI499263, AI623363, AI929108, AI915291, AI884318, H42825, AI263331, AA640779, AW024889, AL046466, AI699011, AI340603, AI611348, AI624529, AI817552, AI654750, AW026610, AL037041, AI689420, AI073952, H89138, AI573026, AI364788, AL047100, AI308032, AI620868, AA614183, AI866002, AI697324, AW090498, AI924971, AI498579, AI566630, AI623682, AW075667, AA427700, AI805688, AL046990, AI648684, AI433021, AI915243, AA916372, AW089258, AI919345, AI698401, AI249877, AI699862, AI560171, AI537837, AA464646, AI468872, AW130863, AA603709, AW083804, AW059713, AI445992, AW088903, AI537677, AW088134, AI537244, AI590021, AI282355, AI439087, AI249962, AW089179, AI367210, AI610645, AI696819, AW129929, AI274769, AI590686, AI587606, AW151714, AI422985, AW129230, AW081255, AI277008, AI888621, AI696969, AA464027, AI242736, AI686554, AI686823, AI436644, AI680457,



	AI952302, AI288050, AI867042, AI539771, AI254727, AI569328, AI802542, AL048656, AI446124, AA983883, AI476077, AI251830, AI365256, AI635299, AI798303, AW085786, AW151729, N22406, AW265004, AA807088, AI280670, AW148716, AI280661, AI698427, AI436429, AW193203, AI537617, AI680498, AL041220, AI922577, AI802240, AI874151, AI471361, AW191844, AW162071, AI648567, AI701975, AW088899, AI648408, AI890628, AI613017, AI280689, AI366549, AF054997, A61088, AB022021, E15569, AI2297, X92070, AL137526, I48978, AL122106, AL133113, AF104032, X80340, A08916, AL080060, AI8777, AB013464, AF118070, AL110280, AL080124, I89947, A08913, AF003737, A08912, U80742, A08910, E03348, I89931, A08909, AF090900, I49625, A08908, AF159615, AL137705, AR038854, AF119337, AL050024, AR019470, I66342, I42402, U58996, AF153205, Y09972, AJ242859, X65873, A03736, S68736, AF162270, AF051337, M86826, AL080074, AL080086, AL133645, AL117432, AL122111, AF106657, AF008439, AB019565, AL133104, AL049300, AL110196, Y10080, AF125949, AF079765, AJ006417, AL137300, AL133093, AL122050, AL049314, AL080127, X52128, AL133568, AL050092, AF057300, AF057299, AC002467, AF012536, AF113690, AL133565, AJ238278, AL122098, AF017152, U96683, AF158248, AF185576, E02221, I89934, I89944, S61953, L30117, Y11254, AL137556, AL133081, AL133557, AL133014, AL080137, X63574, S76508, I68732, AF067790, AF113694, AL133558, E04233, AL117583, I48979, AL117585, S78214, AR011880, I41145, AF090934, I26207, Y16645, AF118064, AF065135, AL133640, Z37987, AF118090, Z72491, AL137648, AL117460, AL117649, AJ003118, AL137294, AF061943,

				AL137276, AF111112, U00763, X79812, AL133077, AL080158, L31396, AF090896, X93495, L31397, X53587, U72620, X63410, AF110329, X00861, AR038969, AL049466, AL049430, AB007812, AL117578, AF113676, U78525, AL050277, AF118094, I09360, E02349, X84990, AF061795, AF151685, AL049465, AL122118, X81464, AL122110, AL137429, AF113677, AL137557, X87582, E05822, U67958, X62580, I33392, AF132676, AF061836, AL110197, AL137538, U00686, A45787, AF040751, AF030513, AL137527, AL050138, I80064, AL049452, AF106862, AF000145, X98834, A93016, A08907, AF114170, AL137283, AF067728, X70685, AF079763, AF000301, AL050146, AL137656, AL117394, E06743, AL050393, AF061573, I00734, A08911, AL137539, A58524, AL137463, A58523, AF113019, AL122049, AF113689, Y11587, AL137478, AF051325, AL049382, AL080154, AF210052, AF183393, AF026124, A07647, AL110221, AL133665, S69510, AL050116, AL137712, AL122045, E00617, E00717, E00778, U49434, AL137658, AL137488, S79832, AL133010, U42766, AF113691, AF022363, AL137292, AF137367, A18788, AL049460, AF100931, AL133606, E02253, AR000496, AF113699, U39656, A90832, Y14314, AL133016, A08915, AF146568, U66274, AL122121, E12747, AF026816, AL133072, AB016226
368	HCRPI23	849783	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1812 of SEQ ID NO:368, b is an integer of 15 to 1826, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	AI005359, AI694315, AI972612, AI082065, AL036211, AI754870, AW008284, AI753702, AA180902, AA453712, AW388278, AW021211, AA922030, N26071, AI288322, AA009423, W49749, W73146, AA614058, AI189484, AI445135, AI246036, AI186112, AI089442, W95921, AW378467, AI052141, AA973256, AA778174, AW081659, AA134129, W73174, AA595090, AW388639, AL036065, AA872130, AA009727, AI249673, AI089346, AW081295, AA152095, AI493759, AI696171, AI198768,

NO:368, and where b is greater than or equal to a + 14.	AI095592, AA988673, AW192264, AI360686, AI075646, AI127970, AI476448, AI909705, AW103076, AI921172, AA442058, AI983996, AI038329, AW007632, AI015146, AW191944, AI570803, W47165, W49665, AI623383, AW130296, AI813857, AI565173, AW264689, AA932684, AI890795, AI261258, AI889762, AI889623, W35237, AW176280, AI566515, AI961919, AW069080, AA026409, AA152021, AI567800, AI886097, N40433, AI985741, AI623335, AI683566, AI623369, AI598274, AI624600, AI676240, AI814850, AI955731, AI858730, R58670, AI913077, AI678789, AI870552, H27256, AI569941, AI870688, AW339093, AI687790, AW192921, AI358146, AI445362, AI436434, AA582996, AW439550, AW190961, AW074180, AW020905, H50566, AW130924, AW190851, AW190930, AW130861, C17793, AW130713, AI829567, AA036658, AI916475, AA541427, AW190064, AW192279, AI269867, C01855, AW316967, H62651, AI583573, AA329660, H03678, AA570205, AW190004, H97890, H50567, R36357, N30685, AW057827, AI983667, AI476453, AI274588, AI561137, AA441945, AI814955, AI282943, AA953589, H42353, AI683009, AW242195, AW303685, AW276332, C15892, AA405149, AI955758, W95922, N64264, AA868993, AA033923, AI286292, AA405610, C16363, H62568, AI470055, AA917644, AW104088, C18198, AI827141, AI571657, AA328579, R64269, AI864163, AA368990, AA298282, AA447781, AA328712, AI590011, R73008, C02550, AW419142, AA852576, C16424, H54085, AI933573, AA505508, AA361442, R89380, R73611, AI499592, H43123, AI682596, AI273125, AI679681, AA852577, AI679107, AA328516, H02311, AA295427, AA297005, AW439074, H54084, AA360662, AI801321, AA298288, AA298272, AA298216, AA722944, AA358056, AA298090, AI926006, AA333978, W72242,
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	AA369007, AW103312, AI583434, AI583035, AA88720, AA385234, AI758456, AA372254, AI868202, AA722767, R58323, AL037142, AI926090, AA330252, AW152009, W76087, AW103329, AA297765, AI824777, AA331081, AA361083, AA361157, AI932852, R25637, AW380002, C16588, AW338537, AI752974, AI561308, AI597986, AA298207, AW051093, H25313, AL048396, AI866075, AW192994, AI473604, AA010935, AA035657, U21128, U18728, AC007115, L11063, X84039, AF020292, S68736, Z82022, AL137533, AF111112, AL137271, AL096744, I48978, AL110225, U72620, I89947, A08910, A08909, AF097996, AL133113, AR038969, AL137523, AL050146, A08916, A08913, AL133031, AL137459, AL136842, AL080137, AL050149, I08319, AL122110, X79812, AL122098, AF106862, AL110196, AL137550, U91329, X65873, AL122121, I89931, AF090934, Y16645, AJ000937, AF087943, I33392, AF090903, AF118064, AL133560, I49625, AR038854, I48979, AL122123, AF158248, AF091084, A08908, AL080074, AL117435, AF113019, A77033, A77035, AL133075, AL133568, AF090901, AL133080, AF113699, AL133016, I09499, AF177401, AL133606, AF113694, AL137283, I26207, AL049314, AL117457, AF079765, L24896, X53587, S78214, AL137463, S61953, AF017437, AL133640, A08912, AF125948, I41145, AB019565, Y10655, AL122050, E07108, AJ006417, A58524, A58523, X82434, AF100931, AL122049, Y11254, AF111851, AF183393, AL080158, X92070, AL049466, AL117460, I92592, A91160, A12297, X63574, X66417, AF118094, AL050024, U67958, AF051325, U02885, AL133557, AF126488, I03321, Z37987, AF090900, A14605, AF113676, AL122118, I29004, AF113677, AL080159, AL137560, AF069506, AL137648, AF125949, AF090896, AL133565, AF057300, AF057299, AL049464, A65341, AF118070,

369	HTOAC26	850211	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 825 of SEQ ID NO:369, b is an integer of 15 to 839, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:369, and where b is greater than or equal to a + 14.</p>	<p>AL137478, AR000496, X62580, AL049382, U39656, AF079763, Y09972, AL049452, U68387, AL050108, AL137658, U80742, AL122093, AL050393, U35846, U42766, AL110222, E02221, E15569, A93016, U00763, AL080086, AL133067, I00734, AF067728, E02349, AF210052, AL133098, AL137538, U68233, AF017152, AL080156, AL050116, AL133014, AF146568, AF061573, A18777, AL137556, AL050277, AL049938, AL049283, AF106827, I17767, I30339, I30334, E01614, E13364, AL137476, AF113013, AF162270, E03348, L13297, E05822, AL049430, AF153205, AB007812, AF026124, AL110221, U31501, AL117394, AL137294, AL133072, AF085809, A03736, AF104032, AL137479, X98834, I89934, AF119337, AL133104, L19437, I09360, AF031147, AL133081, I42402, AJ242859, AR059958, AJ238278, AL117585, I66342, AF106657, X57961, AF081197, AF081195, I68732, X72889, AR011880, AF003737, AF113690, AF090943, AL137557, AL133093, X70685, A07647, E08631, U66274, AL133077, R25957, R27018, R35985, R64157, R68317, H88594, H97065, W23782, AA026485, AA126576, AA257032, AA642773, AA642836, AA094426, AA216327, AA599579, T25001</p>
370	HUVCQ41	850254	<p>Preferably excluded from the</p>	<p>Z44246, AA053435, R56150, H67892, H13387, F12033, T65636, AW451795, R78086, T65661, W80585, AL133026, AC007406</p>

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2301 of SEQ ID NO:370, b is an integer of 15 to 2315, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:370, and where b is greater than or equal to a + 14.</p>	AA620401, AI126739, AA194023, AI128399, AI457095, AI479504, AW022180, AA854196, AI628702, AI146726, AI457402, AW237805, AA137220, AW243056, AA128469, W39694, AI093822, AI285858, AI804452, AI917541, AA482469, AI246264, C18060, AI678247, W19097, AA121936, AI884338, AA136193, AI824933, AA085549, AI039613, AI613131, AW173141, R81896, AI610844, AI867539, AL046066, AA235841, AW294375, AA296509, AA452887, AI242498, AA128329, R99534, AA101808, R81794, AA969044, AI356140, R99547, H04087, R62827, AI479480, R67319, AA360704, F00845, T94212, Z28653, AA194211, F00848, R66479, AA621305, R33374, AA581247, AA121935, AA426407, AI784040, AL079734, AL038842, AI675688, Z28650, AA515728, AA282951, T94123, AA832444, AA825827, AI633909, R23035, AA765925, AW304580, AI066646, AW243793, AL041894, AI620585, R62878, AW069227, AW327624, AA410788, AI783911, AA084609, AA502991, AA602906, AA904211, AI955029, AA706495, AA284247, AW021917, AA582554, R33375, AW188742, AA515048, AI679413, AA832175, AA563770, AI280266, AI654738, AI755202, AI357628, T74524, AI251591, AL042753, AI587349, AI471476, AI634187, AA228778, AW157731, AW275432, AI581486, AI434686, AA630854, AA493226, AA832145, AA715173, AI049534, AA056248, AA715075, AI754170, AW338021, AI457313, AA456924, W31597, AA487475, AA719073, T50061, AA534064, AA595770, AI963856, AA713705, AW265614, AW089950, AI056177, AA182731, F24728, AI669421, AA559166, AI369580, AI289505, AI744830, AW069412, AA809546, R99535, AA130647, AA121777, AA829036, AA483606, AA598927, AA829065, AI439393, AI792072, AI274011, AI431513, AW384449,
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	AA653612, AL037714, AI276298, AA527209, AA608667, AA570740, AI798407, AI758424, H54252, AA601674, AA668147, AA548886, AA568204, AI376239, AI912401, AI889579, AA127222, AI821881, AI267356, AI821918, R83708, AL048925, AW328000, AW419389, AA468196, AC005215, AC002996, AC005839, S42653, AL024508, M87914, Z95152, AC005288, AC003950, AL023096, AC002390, AL021453, AC005091, AC001226, AL121658, AC006430, AC005920, AC004148, AJ246003, AL031228, AC012384, AL121825, AL133500, AC007216, AC005011, AJ236701, AL022578, AL022313, AC002477, AC004703, AC005075, AL049563, Z97989, AC007327, AL031010, AC006966, AC009044, AC005256, Z95115, AC004701, AF155238, AC005922, Z97205, U07563, AF196971, AC002430, AC004849, AL121655, AC005516, AC000373, AC004972, AC007384, AL132777, AC009509, AC005756, AC020663, AC003119, AC007684, AL035633, AC004834, AC004638, AL049844, AC005632, AC002492, Z97630, AC003684, AC005015, AF111168, AP000696, AL049569, Z69917, AC006241, AC005694, AC002476, AC005630, AL135744, AL031230, AP000299, Z93017, AL031686, AL049570, AC004017, AL033521, AL049835, Z84467, AC003963, AF038458, AC005014, Y18000, AC005089, AC003991, AL009181, AC006597, AC004851, AL109952, AC005972, Z99495, AL031274, AC006346, AC008040, AC006061, AC004634, AL122023, AC002483, AC008044, AC003024, AC005529, AL117354, AL096818, AC007199, AL022322, Z85987, Z85996, AP000493, AC004878, AL121593, AC004098, AP000033, AC005527, AL022345, Z97353, AL030995, U17576, AL049843, AC009178, Z86090, AL031255, AP000116, AC004224, AC003098, AC002040, AF088219, AL035405, D87675, AC006537, AC005291,

				<p>U91323, AC005071, AC004002, AL035422, AC006449, AC002375, AC005826, AC006468, AC007536, AL031589, AC004470, AF205588, AC005406, AL049872, AC005031, AC005768, AP000555, AC004841, AL096678, AC004987, Z98200, AC006084, AL078581, AL078584, AC005488, AL034420, AC000085, AC005081, AL035400, AL133355, AL008726, AC016831, AL135960, AJ131016, AL096701, AC005932, AC003663, AC006211, AC004644, AC003010, AL035551, AC000134, AC004675, AC004622, AL049766, AC007057, L78833, AC006387, AP000558, AP000102, AC006312, Z82201, AL096761, AF039907, AC003030, AL050318, AL117352, AC006379, AC005618, AC004815, AC004832, AC011592, AP000509, Z84487, AL049779, AL031293, AP000113, AP000045, AL031584, AC007204, AL034371, AC005366, Z83826, AC004460, U80017, AC007746, AC006019, AP000501, AL022336, AL049776, AC006285, AL109827, AL023494, AC004796, AC005736, AL080242, AP000566, AC002449, M89651, AC006962, AC005730, AL133371, AC006112, AC004125, AC003109, AL133448, AC002045, AC005480, AC004820, AC004655, AP000142, AL035587, AC004150, AC005900, AC007363, AL050341, AC007243, AL049636, Z94801, AL031286, AC005620, AC002347, T55205, R22930, R25360, R33340, R33341, N79795, N83477, AA453058, AA620384</p>
371	HPJEC66	850264	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2993 of SEQ ID NO:371, b is an integer of 15 to 3007, where both a and b</p>	<p>AL079713, AA019285, AW387766, AI393405, AA057866, AI150748, AW002060, AI285751, AI804383, AW362527, AW086498, W32465, AA019093, AA121087, AA192422, AA157309, Z44482, AA015928, AA353392, W19828, W96345, AA886352, AA015927, T77280, AA056991, AA059204, AA897284, AA059262, R68727, AA192527, N72977, N54833, T34590, H37766, H37839, AI902921, R32417, R34123,</p>



372	HCQCD86	850273	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:371, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 738 of SEQ ID NO:372, b is an integer of 15 to 752, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:372, and where b is greater than or equal to a + 14.</p>	<p>R20036, AI684917, AA188354, Z42069, F05884, AI803047, W96344, AW135643, R32418, AI963424, H04412, Z38793, F01603, H01922, F03563, AI475203, AA356593, H38120, D19797, AI538533, H04434, AI267294, AW392791, AA568778, AF052088, Y17979, Y17977, Y17978, Y17976, E15725, D89289, AB025198, D86723, E14720, AL109847, AF038280, AF038281</p> <p>R54166, Z43366, R42185, T30280, AW083132, AL031003</p>
373	HCRMX05	850371	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 698 of SEQ ID NO:373, b is an integer of 15 to 712, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:373, and where b is greater than or equal to a + 14.</p>	<p>AI887746, AI473102, AB011166</p>
374	HAPRB43	850859	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AI654147, AI810992, AI589186, AA910037, AA570707, AI765595, AW188411, AI806437, AI760065, AI890968, AA227446, AW237851, AI337043, AA922182, AA227501, AI050958,</p>

375	HWHQL22	851066	<p>the general formula of a-b, where a is any integer between 1 to 1793 of SEQ ID NO:374, b is an integer of 15 to 1807, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:374, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1801 of SEQ ID NO:375, b is an integer of 15 to 1815, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:375, and where b is greater than or equal to a + 14.</p>	<p>AI283160, AA227513, AA226738, AI470530, AA226812, AA916642, T89323, AW152530, T89959, AA227372, N59841, T94622, T94623, N76372, AF124522, AC004456</p> <p>AW001408, AW025576, AI167306, AA421304, AW183595, N53420, AI884557, AI961482, AI366803, AI277353, AA905774, AI471722, AI208800, AI285232, AA917870, AI923048, AI002657, AW444453, AW072850, AI002663, AA995040, AI420232, T91710, Z44009, AA743874, AA768502, Z40060, AA421383, T91698, AI536628, AW197122, AA465719, F07259, T92932, AI222859, AW385033, T92460, T93049, AA780031, T92477, T89796, AI680633, T89430, AI078087, AI572783, F03531, AA465126, AA361777, R57124, AI417757, AI805839, AA808475, AA324494, AB033082, AF132479</p> <p>AL035496</p>
376	HWLMN9 3	851217	<p>Present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 536 of SEQ ID NO:376, b is an integer of 15 to 550, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:376, and where b is greater than or equal to a + 14.</p>	
377	HTGFW53	852170	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AI742968, AA102335, AI858272, AA587215, AA523335, AA573431, AI718039, AW294925, AI298302, AI290208, AA135360, AI719848, AA157727, AA122310, AA102312, AA101293, T08661,</p>

<p>the general formula of a-b, where a is any integer between 1 to 3188 of SEQ ID NO:377, b is an integer of 15 to 3202, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:377, and where b is greater than or equal to a + 14.</p>	<p>AA971633, N36169, H02342, AL048969, AA121086, AI279131, AA305313, AI420820, AL042905, AA524604, AA216644, AL042906, AL044340, AF034176, AA708751, W40578, AL048626, AI816537, AA081138, AA487475, W40576, AA122340, AI732911, AL120008, AI679002, AI791227, AL138265, AW406162, AI732327, AA177130, AL042539, AI744188, AI567674, AA126635, AA504951, AA224525, AA133332, AW401509, AA565585, N44159, AI815583, AI961232, C06151, AA831913, AL044339, AI204309, N23097, AA984258, AA601503, AL042282, AI310464, AW151102, AA492584, AA614180, AA908857, AW408643, AA640277, AL134669, AL079869, AI801141, AA525409, AA568314, AL046746, AI732128, AP000501, Z83843, AC004686, AP000694, AC005516, AL050307, AC002375, AC004491, AC005280, AC003029, Z86090, U91323, AL050318, AL022313, AC003688, AC004383, AF207550, AC005921, AC004813, AL022323, AC004638, AF196779, AL049869, AP000689, AC009247, AC005231, AC002544, AC002470, Z97054, U95739, Z95114, AC002347, AC007283, AC007227, AC008115, U63721, AC005225, AC007731, AC007242, AL034420, AC002477, AP000356, AC004685, AC005619, AC006449, AC007225, AC006965, AC005015, AC005519, AL133163, AL022336, AC005500, AC006344, AL031846, AC004755, AC002425, AP000008, AL139054, AC004796, AC005913, AL049830, AC004975, AC005696, AC004983, AC004851, AC007686, AC004448, AC005632, AL031255, D87675, AL080243, AL034417, AC002996, AP000704, AC005488, AC005004, AC005081, AC004887, AL133245, AL049760, AC005899, AC004223, AC004242, AC005480, AL049776, AC003982, AL096791, AL121754, AL049780, U91318, AC009509, AC005399, AP000115,</p>
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	AC005355, AF165926, AD000092, AC005730, AC005057, AC006241, AC005484, AC004024, AL049636, AC004821, AJ003147, AC003098, Z85986, AL035422, AC005722, AC007226, Z99716, Z85987, Z84466, AF129756, Z83826, AC005839, AC004754, AC005527, AF029308, Z83840, AJ246003, AL022163, AL121603, AC004099, AP000355, AL035086, AC000052, AC005694, AC006509, AC005058, AC002094, AC006251, Z95331, AC005412, AC005274, AL008582, AL035249, Z69705, AC007637, AL121653, AC005520, AL022165, AC004253, AP000555, AC006120, AP000359, AC003043, AC003963, AC004890, AF060568, U91326, AC006064, Z83844, AL031311, AL022316, AC004263, AC004883, AC005821, AC005874, AC005736, AF134471, AC007308, AC002563, AC007537, AC006014, AC005332, AC006211, Z98044, AC005264, AC004216, AC004230, AL020997, AC006511, AL022476, AC004895, AF095901, AP000212, AC007263, AC006121, U85195, AL022311, AC007899, AC005971, AL096701, AC006441, Z69920, AF038458, AC005844, AL079342, AC005037, AC005229, AC007160, AC005531, AL035587, Z82190, AC007541, AC006480, AL024498, AC006080, AC004662, AC004797, AL031767, AC004477, AC007688, U96629, AC004167, AL031291, AL031005, AL109963, AC002314, AC005291, AC007298, AC004884, AL049874, AC005578, AF196970, AC005726, AF024533, AL021154, AL021878, AC005102, AF053356, AC005529, AC005183, AC005060, AL109628, AP000031, AP000512, AC004408, AC002316, AL031848, U62293, AC005841, AC004760, Z69917, AP000215, AL031670, AF141325, AP000692, AL049538, AC006160, Y14768, AL049694, Z93244, AL021391, AC002465, AC004771, AC005378, AL031289, AC005189, AL133312, T63377, T94977,

378	HANGG89	852387	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2387 of SEQ ID NO:378, b is an integer of 15 to 2401, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:378, and where b is greater than or equal to a + 14.</p>	<p>AA137237, T10598          AI692182, AA477305, AI269928, AI264345, W88860, AI476206, H18309, AA479629, N30904, AI138307, AI343016, R42588, AI500167, AI928577, AA011427, AW139105, H47436, AI350196, AA962561, H65317, AA353763, AW193644, W88754, AI240815, H64403, AW243810, H64466, AA349069, H64452, H47347, R12712, AA011390, AI422579, R39766, H91585, H64415, AW292212, H90657, AI040619, AI681139, R39765, AL045327, AL045328, AL042898, U46344, AL046273, AL133049, AL133053</p>
379	HKAAV86	852812	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 838 of SEQ ID NO:379, b is an integer of 15 to 852, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:379, and where b is greater than or equal to a + 14.</p>	<p>AI142133, AI125955, AA099589, AA099195, AA101877, AA098999, AL046448, AA173235, AA085237, AA082919, AA299705, AA094115, N85410, AA377177, AI243981, N86437, AW403324, AW190564, AA247123, R17416, R24302, H00147, R92806, AA071275, AI796920, AW364027, AA248454, AW402559, AI935862, AA704065, AI916342, AA666039, AA507485, AA040605, AI813926, AW197959, AW273696, AA995472, AI583116, AA731083, AA599966, AW197947, AI868832, AI872695, AW079296, AW263386, AW075345, AI869137, AI701204, AA158272, AI432491, AI910925, AA368305, AI699789, D45441, AW196035, AI640738, AI991740, AW242256, AI886146, D29593, AA527221, F04200, AI251134, AA652161, AA662355, AI269854, AA664813, AA308698, AA668557, AI753908, AA729385, AI753048, AA664425, AI872612, AA029483, AW078512, D57925, D57417, AI590007, AW078521, AW074413, AI590009, AA600264, D58570, AI933653, AW302381, AA576691, AI286321, AI631406, AW007954, AI537853, H89041, AA600096, AI754555, AI049522, AI583042, AI865956, AW069407, W46461, AW069439, AI678461,</p>

			AA666041, AW338582, AA853499, AA853118, AW103316, AA852928, AW198176, AA485339, F02472, AA669375, AA853703, AI926802, AA599411, AW317014, AI475263, AA669968, AA852873, AI279645, AW152591, AI570071, AA853907, AI061306, AA304491, AA367577, AI624508, AW262800, AL047981, T17426, AI566448, AA670465, AI249329, AW078819, AI914427, AI151197, AA464848, AI247113, AW007968, AI432083, T40661, AI032132, AI624041, AI453768, AW028422, AW173650, AA770695, AI865924, AW075592, AW103304, AW129068, AW193455, AA728855, T29408, AA491991, AI445641, AI520770, AI609649, AI633323, AI246991, AI696877, AW131257, AI499176, AA693449, AI866877, AA376304, AI986291, AW338530, AI435209, AI435228, AW022946, AW242276, AW129074, AA587644, AI368933, AW003438, AI814772, AI891018, AA626904, AA904717, AI446504, AA368253, AA484039, AA946739, AA296453, AW020421, AA599880, R32764, AW074499, AI537174, AA715468, AI754222, AW068269, AA599396, AA599815, AI753152, AA564348, AI240449, AI583592, AW020521, AW020314, AW020233, AW023601, AA653329, AA782691, AA557448, AA598933, Y13286, D13988, Y13298, AC006024, U07951, L36314, AF027361, X74401, AF076291, AF144713, Y13291, Y13287, Y13290, Y13288, Y13289, S80206, X02761, AI4133
380	HSACF33	853175	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2000 of SEQ ID NO:380, b is an integer of

	<p>15 to 2014, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:380, and where b is greater than or equal to a + 14.</p>	<p>AI287600, AA393323, N76354, AA478577, AI131253, AW020489, AI879936, AA427956, R19770, AI147474, AI685853, H10460, AW009344, AI086648, AI274853, AI580474, AA830100, AW237044, R81911, AI572140, N23738, AW305082, AA627509, AA056315, H79313, H13001, AI872614, AI453789, AA570617, R70354, AA115794, R43355, H63824, AA370525, H79426, AA478712, AA492446, H72676, H28024, R78390, N43915, R78391, AA450037, W38531, AI086047, T28681, R23199, AA319158, N90080, AA903186, AA768142, AA374991, AW069635, R23200, AA342675, AA297604, R28598, Z38820, AW392736, R28390, AA371629, AI474240, N79382, AA622157, N54391, AJ230782, N46635, AI471187, R39618, AI659542, N32443, AA357539, R39562, H10459, AI990226, AL041375, N34906, R17637, AA584241, AW439703, H71678, AA846923, AA582554, AI915081, R99470, C01602, AW265688, AI521525, AW020150, AI537368, N75652, AI356440, AA639155, AA584489, AI053827, AA282951, AA679625, H30475, AI926102, AI984168, D26067, AC004883, AC005527, AC005529, AC004821, AL035458, AF196779, AL022316, AC000025, Z98051, AP000514, AC007298, AJ003147, AC005736, AC006501, AC004796, U95090, AC005046, AL121603, AC003029, AL035587, AC005104, AP000697, AL024507, AC005899, AC005216, AC005225, AF134726, AL008583, AC007551, AC005994, AC004805, AB023048, AC004139, AC005488, AC004974, AL049872, AC007376, AC005234, AC003085, AC004703, AL078581, AC005327, AC006597, Z98742, AP000030, AC005207, AL022320, AC004383, AP000503, U95742, AC006441, AC005291, AC000353, Z98884, AC007050, AC003043, AC004033, Z84469, AC004686, AC004750, AC004477, AL117694, AC004687, AC007051, AL109627, L78810, AL022319, AC002316, AL021546, AC006449, AF045555,</p>

	AC006211, AC005911, AC005295, AC006277, AP000133, AP000211, AC005480, AC004966, AL023803, AL008635, Z98036, L47234, AC007193, AC005971, AL096701, AC009247, AC005695, AC005288, AC016830, AL035659, AC007637, AL117258, AL034421, AC002302, AL008631, AC005081, AP000130, AP000208, AL032821, AC007207, AC006111, AC007563, Z82206, Z49258, AP000247, L44140, AL049757, AC005702, AL031659, U91323, AL109984, AC007216, AC007386, AC002288, AL035405, AC005519, AL096791, AC008044, AL031728, X87344, AF038458, AC002551, AP000088, AF024533, AC007546, Z86090, AC007262, AC004227, AL135744, Z99716, AC002375, AL133243, AC007057, AP000104, AC005015, AC007387, AL022302, AF111168, AL049748, Z98304, AC004887, AL031589, AP000140, AC005914, AC003684, AL035420, AL022722, AC020663, AC016025, Z99128, AL031729, AC005764, AC005778, AL080241, AC007860, AC005822, AP001051, AC005088, AC005740, AL080317, AL133448, AC006014, AC000159, AC006120, AL022165, AC007239, AP000501, AC005696, AL122020, AC006285, AL031427, AC007919, AC002310, AC003101, AC008394, AC006261, AC006071, AC006948, AF196972, AL109939, AC005921, AC007011, AC002128, AC007671, AC004605, AC002492, AL021155, AC006042, U29953, AC007021, AL031662, AL136295, AL109952, AL035407, AC007406, AL031228, AL133485, AL031229, AP000355, AL137705, AC005913, AC007030, AL049538, Z98745, AC006382, AC004699, AC006539, AC006023, AL034549, AL034379, AC007676, AF001550, AF095901, Z97053, AC004765, AC009510, AL117356, AF091512, U85195, AC006088, AC004964, AC007731, AC005815, AL034420, AC004878, AP000031, AC005786,



381	H2CBA56	853230	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 551 of SEQ ID NO:381, b is an integer of 15 to 565, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:381, and where b is greater than or equal to a + 14.</p>	AC006530, R81807, N53603, AA025818, AA503110 AA912711, AA313241, N59364, R71689, AA889755, AA907229, H44652, AW029538, AI693197, H43610, R54016, AI765349, C05901, R67625, T11836, AI432347, H28446, AI362187, W86722, AA514697, AA630422, AI417570, AI076503, AA725556, AA535222, AI268124, AI394393, AI765623, AI359512, AI421474, AI081785, AA573523, AW021552, AI954036, W86721, AW301490, AI311428, AW302896, AI366979, AI252741, AI251402, AI252170, AI308570, AW271149, AI254900, AI306074, AI252019, AI254903, AI334468, AI289701, AI744777, AW302995, AW301914, AI249305, AI345655, AI053639, AI144065, AI251387, AW302005, AI057136, AB002336 AI874228, AL048427, AI538564, AI627988, AI648567, AI567935, AI280670, AI539781, AI433976, AI274759, AW262042, AI872074, AI433157, AI554821, AW151136, AI608805, AI539771, AI537677, AI494201, AI500659, AI539800, AL045626, AI866465, AI815232, AI801325, AI500523, AI538850, AI582932, AI284517, AI923989, AI872423, AI500706, AI445237, AI491776, AW151138, AI521560, AI889189, AI500662, AW172723, AI284509, AI889168, AI440263, AI866573, AI633493, AI434256, AI866469, AI805769, AI434242, AI671642, AI888661, AI284513, AI888118, AI436429, AI859991, AI889147, AI355779, AI371228, AI581033, AI440252, AI866786, AI610557, AI860003, AI242736, AI887499, AI559957, AI521571, AL039390, AI829990, AL119457, AL042544, AL079960, AI538885, AI598061, AI745485, AL047422, AI539707, AL045500, AI620284, AI890907, AI828714, AI687375, AI371251, AI866510, AI923046,
382	HLJBL63	854063	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 117 of SEQ ID NO:382, b is an integer of 15 to 131, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:382, and where b is greater than or equal to a + 14.</p>	

AI500714, AI799199, AI491710, AI366900, AI828574, AI472566, AI863197, AI680457, AI640729, AW149878, AI251830, AI634251, AI273179, AI887775, AI590043, AI282268, AW197139, AI631057, AL079794, AL042551, AI866741, AW002174, AI564602, AI275175, AW089557, AI432666, AI499463, AI969567, AI863082, AI610362, AI537735, AI440239, AI521596, AI049851, AL042382, AI690946, AI583032, AW191003, AI537273, AI436456, AI371265, AI521005, AI963846, AI567940, AI610357, AI582912, AI817244, AI269862, AW080856, AI612913, AI866461, AI567993, AI355008, AI867042, AW104196, AI285826, AI863014, AI521594, AI499512, AI623736, AI889133, AL042787, AL042572, AI783861, AI863477, AL048375, AI610402, AI364788, AI434223, AW089572, AA603709, AI697243, AI610429, AI628850, AI469775, AI866820, AI433968, AI890806, AI476086, AI537187, AI539632, AI889148, AW118237, AL042377, AI539847, AI828583, AL042538, AI872300, AW172745, AI434741, AL042557, AI538878, AI354998, AI434274, AI567944, AI453248, AI805762, AA641818, AI432656, AI636719, AL040207, AL042365, AI285432, AL047187, AW083804, AL119319, AL119399, AI343059, AA715307, AA809974, AL046990, AI800152, AI349933, AI866608, AW129271, AI345253, AI799195, AW151979, AI612885, AA420758, AI566630, AI863191, AI610667, AI885949, AI270561, AI872051, AW059713, AL048323, AW152469, AA494167, AW192375, AI886022, AI612015, AL043168, AW084812, AI689420, AA830821, AI349598, AW168402, AW269097, AL046356, AL048377, AL041862, AA807088,				
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AI680389, AI334930, AI569328, AI432644, AI636619, AA468418, AI537515, AI536910, AA761557, AI866457, AI343091, AI920782, AI309443, AI824375, AW131989, AI433037, AI866002, AI073952, AW080700, AW193134, U49434, Y11587, AC005057, A18777, AL122049, AP000514, I48978, A08916, AL080060, I89947, A08913, I89931, A08912, A08910, I49625, A08909, AR038854, A08908, E15569, AF113691, U77594, Y08769, AL133072, AF104032, AL122110, E04233, AL133080, AL133081, AL133077, AF081195, I89934, I89944, E07361, AR011880, AL137556, AF111112, A21103, AL133067, AF113689, E02253, U96683, AL117432, AF162270, A93016, AF003737, AF113690, X87582, E05822, AF132676, AL049382, AF061836, AL137538, M86826, X84990, AL117578, AL050149, AF113676, A45787, AL137705, AF030513, AL050138, AL137665, AL110280, A18788, AR038969, AL137526, AL133640, X80340, AL117583, AL117585, AF125949, AL133113, AL122123, X72889, U00763, I48979, I09360, AR000496, U39656, AF017152, AF158248, AL122121, AL080124, AL050277, AF012536, AF110329, AL080154, AR059958, U68233, I92592, AL080127, AL110222, AL137476, Y10655, AF119337, AF113019, AF100931, AF111851, AL122111, L30117, AL133557, AB007812, AF026124, AF000301, AL133016, AL117440, AF146568, AL137273, AL080137, AF113013, AL133565, E02221, AL137300, I68732, AL049464, AB019565, AF078844, AL133104, AL137429, AL137557, AL133093, AL049466, AR019470, X62580, AL049452, Z72491, A90832, I42402, AL133665, E07108, AL137712, I66342, S68736, S78214, AL137527, AL137294, AF000145, I00734, AL137479, A08911, AF026816, AL137463, S75997, AR020905, AF113694, AF091084, AF017437, AL137283, AF126247, AF113677, I96214, AR034830,				
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383	HHFOV83	854073	<p>AL049300, AF118094, S36676, AF090943, AF097996, AL133558, Y11254, AL137478, AF051325, X70685, AL049314, M30514, AL137648, AL137459, AL133098, AF079763, AJ242859, AJ238278, AL117460, A07647, AL117457, AL050116, AL023657, AF125948, L31396, AL096744, E00617, E00717, E00778, U68387, AL050146, AL110225, AL117394, AL137488, A52563, AL122093, A12297, U42766, AL133606, L31397, X63574, AJ006417, AF061573, U91329, AF057300, AF057299, X96540, X98834, AF061943, A58524, A58523, AL080074, A08907, I26207, AL122021, AL049465, A08915, S79832, AF022363, AL080086, AF067790, E03348, I80064, E06743, Y10080, AL133014, AL122118, S76508, AF081197, AF090934, AF028823, L19437, X79812, A65341, U67958, AL080159, AF118090, AF210052, Z82022, AF183393, X52128, AL117649, X92070, AL110221, AL133075, AF061795, Y14314, AF151685, AF061981, U80742, U78525, AL080148, AL050092, X93495, AR068751, AL050366, X53587</p>
			<p>AI147367, N38739, AI038362, AA306982, AI090692, AA430286, AI375057, AA832521, AW087382, AA481263, AA682491, AI816161, AI032742, AI271556, AI142375, AA772447, AI277932, AA861172, AW275861, W95514, AI310221, N21226, AI554585, AA622794, AI685388, AI094587, AI870769, AA161317, AA161269, AI828141, AI889952, AI138674, AI992250, AI093557, AA854451, W95748, AA528173, AA706459, AA922049, W92931, AI222782, AI087903, AI354769, AA010744, AI338847, AI573260, AA535258, AA829973, AI425087, AI127537, AI078189, AI860629, AA040606, N36785, AI312075, AI860618, N35545, AI818680, AI160456, AI188731, AW237244, AA927773, AA315522, N26495, AA418250, AI130937, AW026110, AI078700, W92930, AI189277, AI819131,</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2012 of SEQ ID NO:383, b is an integer of 15 to 2026, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:383, and where b is greater than or equal to a + 14.</p>

	AI308823, AA576681, AA402366, AA678068, AI050690, AI150775, W07311, AA130641, AI356188, AI992238, AA632439, AA398578, AI138868, N41577, AI348234, AA725329, AA854444, AI494104, AA102041, AI248913, AA861548, AI146539, N36042, AA749246, AI623577, AA102040, AI309551, AI193635, D80222, AI750505, W16594, AI335196, AA973577, AI802773, AA579587, N40411, AI347895, AI207319, N24916, AA757075, AW022051, AA004814, W70099, AI494122, AA047417, AA435877, AA932173, AI360040, N92468, W32858, W39316, AA443371, AA725083, AI811596, AA151345, AA574227, AA988481, AA553643, AA058890, T86893, W04849, W07341, AA171485, AA350353, N79793, AA397537, AI361500, AA767393, AA491049, AA039548, AA171873, AA443799, AA130743, AA296477, AA418371, AI039877, AI034158, AA350355, AI346724, W30975, AA081842, W32412, AA826413, AA485065, AA683191, AI750506, AA214656, AI032235, T31993, AI690512, AA490864, AA972903, AA875952, AI266157, N30803, AA441965, AI372476, R44640, AA011170, AA412078, C14244, AI537215, D51710, AA112658, D81672, T33576, T29959, AA879091, R00040, AW372109, AA372522, N41552, AA350354, W05591, AA296293, AI183719, AA737423, T75529, Z32779, AW023311, H92492, AA011172, AI280683, AA350672, AA293688, T30062, AA359611, H90590, H88467, R89111, H01877, T30578, AA554214, AI372475, AI085819, R23508, AA485161, H58617, T31455, T30057, T30775, AA995219, W01659, AI355187, H88466, AA021457, W02831, W30907, AI066442, H92493, D80216, AA772519, H87644, AA772663, T31230, T31445, AA084441, AA746824, H58618, AA664067, AA223631, T35618, T30506, N48376, D55832, T19529, AI816199, W21185, AI498748, H71696, T35993, D55847,

			<p>AA085298, AI826367, T31976, AA357765, AA047416, AA045501, H72258, AF068754, M84133, S38729, AL080074, AF210052, D44497, I41145, U72621, U61971, U61970, X68249, I48978, AL137561, AF104032, S70057, Z48796, AJ001838, AL137284, E13998, U94316, X79812, X53587, AL133608, AF026124, AF161406, X83544, M64936, AF043642, AF072933, X61049, E00984, I04527, AL137476, I48979, AF106697, AF113676, AF008439, A76337, AL117626, AF114818, AF117959, AL137556, X60786, AF054988, Z72491, AL096750, AF081825, AF081197, AF081195, AF029728, AC004213, AL031281, AL137463, AR022283, X98066, AL050170, U70981, AB026995, U89906, AF030165, E12806, AL133053, AF047716, S69510, AF044323, AF040723, U75378, E15568, A57389, AC006115, X52128, AL137538, AF158248, AL137658, AF137367, AF169202, AF107018, AL096709, S75997, AF017437, AL049959, AF058921, AF004162, AL110269, AF113013, AL049423, AF060866, J05043, A58545, AF132979, X66113, T86892, T88768, R07813, R02519, H01878, H87645, N27504, N45945, N75568, N78599, W19455, W23893, W33125, W87569, AA021456, AA039549, AA055507, AA055508, AA063216, AA062641, AA081863, AA112657, AA149245, AA177032, AA483430, F16679, AA614547, AA714169, AA746127, AA746987, AA863434, N83598, N84074, C14243, AA090322, C15720, AA094953, AA095885, AA648733, AA725460, AA813664, AA974615, Z24858, Z28604, D20869</p>
384	HMTAE04	854987	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1332 of</p>

			SEQ ID NO:384, b is an integer of 15 to 1346, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:384, and where b is greater than or equal to a + 14.	R93490, AA749457, AW006223, W72385, R93491, T16004, AA861892, AA877821, AA699840, AA744576, AA033598, AI805225, AI830800, R98502, AA918052, AA033597, AA010392, AA612820, AA136046, AI468659, R98458, AA804806, AI079099, W00678, AA223489, AA010420, T16983, AA602907, AI695165, AI655482, AA971722, AA126657, N74666, AA203670, AA775379, AA040498, N69011, AA580962, AA743583, AI819009, W05037, AI679325, AW008460, AI222609, AA223599, AW249342, AI985521, N86961, U79569, U96448, AF033201
385	HWLNN76	855130	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 623 of SEQ ID NO:385, b is an integer of 15 to 637, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:385, and where b is greater than or equal to a + 14.	AI741418, AI250888, AI803956, AA405712, AI819932, AI275390, AI333992, AI857462, AI192862, AA258274, AI570928, AI342563, AI333503, AA142965, AI313372, AW195427, AA460652, AA480906, AI810213, AI278469, W86426, AA948327, AA885690, AI338420, AA234713, H91249, AI093456, AI214591, AL037358, AA635563, T78782, AA464811, AA236395, AI719169, T78399, H90341, T90933, AA150631, H90335, AW023940, AA431898, AI741922, T85819, AA234781, AA193260, AA903699, AA405960, AA348205, N74122, AI887868, AW362460, AI630327, AW236120, AW379776, AL049540
386	HDQFE56	856227	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 848 of SEQ ID NO:386, b is an integer of 15 to 862, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:386, and where b is greater than or equal to a + 14.	AA286732, AI191459, AA171434, AI355745, AA357190, AA285245, H10514, AA352837, AA338860, T97814, AF106941, Z11501, L14641, M91590
387	HLD BR21	856243	Preferably excluded from the	T70976, AI114496, R96283, AI478489, AA721678

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 571 of SEQ ID NO:387, b is an integer of 15 to 585, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:387, and where b is greater than or equal to a + 14.	
388	HHAUD91	856354	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 577 of SEQ ID NO:388, b is an integer of 15 to 591, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:388, and where b is greater than or equal to a + 14.	AW249337, AA429219, H09067
389	HTOHA37	856923	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1082 of SEQ ID NO:389, b is an integer of 15 to 1096, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:389, and where b is greater than or equal to a + 14.	AA436974, AW301595, AI627769, AI148986, AW295167, AI095891, AI338889, AA228704, AW300645, AA938998, AW290959, AI584103, W51788, AA631562, T30453, AA593364, AA593259, D20778, AW148377, T19553, AI371361, AA228703, T19552, AW156939, AI696364, AF132951
390	HDPPP71	857684	Preferably excluded from the	AI383479, AA314780, AA488893, H84254, T05979,



			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 434 of SEQ ID NO:390, b is an integer of 15 to 448, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:390, and where b is greater than or equal to a + 14.	H84268, H86360, Z22452
391	HBBES2	857946	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1437 of SEQ ID NO:391, b is an integer of 15 to 1451, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:391, and where b is greater than or equal to a + 14.	AI174931, AA633248, AA307732, AW009694, AI708561, AI608859, AI912027, AW003654, AI147532, AW410500, AA703917, AI268422, AA315977, AA948335, AA714371, AI523863, AI799651, AI094601, AI653623, AI418474, N28523, N25832, AI678862, AA436086, AI969854, N50600, W15539, AW276307, AA176977, AA315741, AI573156, H99189, AI290689, AI022256, W31633, AA393190, N24472, AA665198, N25334, AI342932, AI350373, W46663, AA664456, W69947, N31447, AA315704, AI217012, AI299963, AW169034, AI269693, AA224139, W52454, AI350065, AW328643, AI149242, AI469902, AI146550, AW328744, AI280165, AI343905, AA115633, AW191988, AI274391, AA306451, AW273525, N50546, M78775, AA629016, W46572, R66807, W69946, AI276408, AA211672, AA528272, T35600, AI937658, R71434, T75448, AL037057, AA602926, H16018, H99844, AW194891, AA224140, AA843376, AL037133, AA879102, T77217, R32430, AI763096, T79893, H11074, AA313381, AA305608, AA740662, Z28524, AA384331, AA741428, AA729918, T36096, T32819, H43950, N50439, T74479, T77430, T36026, T85287, F13092, N50495, H11162, AL133741, R67905, AA640263, N74697, AA313248, Z45665, AA577403, W05751, AA308179,

	T36097, Z28522, H99295, W05085, AA133390, AA435987, AA215662, AA948686, R27532, T32717, F10686, AA348310, R27490, T36025, AA650125, F18615, Z41336, AA782250, T74105, AA531601, D52493, AA628374, AI540601, C02982, T34250, AI222685, W52455, AA938476, T30776, T85497, AA834484, AA313624, AW368698, W37632, W37631, C01072, AA064863, AA369828, AA356358, AA301621, AA065121, C18586, AA650346, H43904, AA213943, N23667, AI304608, AA369829, AA676748, AA095424, R32429, AA215728, N75008, N47208, R37606, N84337, AA093943, N75908, AI025459, AA910321, W23851, AW089275, AW303089, AI364639, AI815855, AI358701, AW268067, AI858137, AI254727, AW162194, AI159837, AI432040, AW087842, AI539153, AW020419, AA287231, AI494201, AL119791, AI633125, AW073697, AA464027, AL041772, AI886192, AI348901, AI419650, AA493923, AI580190, AA464646, AI345688, AI824648, AI567802, AA761557, AW089405, AW074869, AL110306, AI888621, AI698391, AI929108, AW168031, AI917963, AI567582, R36271, AL037454, AL039086, AI445992, AI568138, AI445990, AW020095, AI921281, AL120254, AI889189, AI345745, AW151948, AI802654, AI312428, AI863191, AI250819, AL036403, AA908294, AI874166, AI364788, AW188840, AI434741, AI572717, AI918655, AI689420, AI433157, AI251830, AI288285, AL110233, AF145385, AF077034, AC004067, AC006023, AL023913, AL049830, AL122104, I48978, X63574, X65873, Z72491, I89947, AL133640, AF017152, AL050116, AI2297, E12747, AF100931, AL117649, A07647, AL137529, U35846, A18777, A08916, A08910, AR038854, A08909, A65341, A08913, AF113690, AF118064, Z37987, I48979, I89931,

	AL080154, AL137527, I49625, AR038969, A08908, I09499, AL050277, AF067790, AR013797, E04233, I33392, AR029490, AF118090, U91329, AL110196, Z82022, AL137550, AB007812, A08912, AL133565, X83508, AL137526, AL133077, AC002467, AL133080, AF079763, AL117440, I68732, AL080086, AL080137, AF008439, AF028823, AL133016, AL050092, AF162270, AJ000937, A77033, A77035, AL117578, A45787, AF146568, AL117432, E02221, E01614, E13364, AL137479, M92439, AF078844, AR020905, AF113694, AF067728, Y11587, X62580, AL049452, M30514, AL117583, AL133557, I66342, E15569, AL050155, AL122093, AL050393, AL110222, AL137521, AF017437, AL049466, AF065135, AF113699, AL133081, AF125948, S79832, AF022363, Y10655, E03348, AF113689, I80064, AL049283, I03321, AL137459, AR059958, U42766, AL133560, S61953, AL122110, AF113019, X82434, L19437, U49434, AL133093, AL137478, AL080159, L30117, AL080234, AL122098, AF026124, AL080127, AF061795, AF090903, Y14314, AF151685, AF061981, S68736, AL117435, X93495, AF104032, AF061943, X72889, AR011880, AB019565, A21103, AL133104, AL137283, AR000496, U39656, A90832, AL096744, AF177401, AL122118, U78525, AL080148, AL137548, AJ006417, AL122121, AL137476, A08911, I89934, I89944, X00861, AF113677, U67958, AL137560, E06743, AL137271, Y10080, E07108, AL049465, AL122045, AF185576, AF090896, AL117394, AL137705, A08907, AL049300, AF118070, AL133645, E02349, AJ238278, X92070, AF125949, U68387, S78214, AL133606, AL110171, AF090934, AF126247, Y16645, AF090943, I09360, AF097996, X87582, E05822, AL050024, Y11254, AR019470, X80340, AL137538, X84990, AL133075, Y09972, AL117457, AF106657, AL133113, U72620, A18788, AL080124,

392	HLTDR01	858166	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1411 of SEQ ID NO:392, b is an integer of 15 to 1425, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:392, and where b is greater than or equal to a + 14.</p>	<p>AL080074, AL122049, I26207, AL122050, X70685, U58996, AL133098, M86826, AF017790, AL080158, AL050149, AL133014, AL137273, A03736, X96540, AL137300, X98834, AL137463, X81464, AF111112, I41145, AL080060, AL137429, AL137556, S36676, AF132676, AF061836, AL122111, AF210052, X52128, U96683, U87620, AF113676, AF158248, A08915, AL133568, U80742, AF030513</p> <p>AW385859, AA419101, AI290315, AI041588, AW390662, AW385843, T75225, H08027, R83777, AA216462, H61773, R71821, AW384937, M78650, F12858, R28101, N23532, AA504182</p>
393	HMECD50	858178	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4741 of SEQ ID NO:393, b is an integer of 15 to 4755, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:393, and where b is greater than or equal to a + 14.</p>	<p>AI984818, AI568216, AI564107, AA805698, AI681685, AI827106, AA053800, AA938489, AW007101, N25989, AI693621, AI561244, AI144484, AW151585, AI697886, N98566, AW272292, AI096959, AI681003, AA034070, AA827882, AW014483, AA630414, AA824356, AI336871, AA316109, AA648440, AI074830, AI089429, AI362242, AI366697, AI089558, AI075238, AI207943, AA830124, AA736466, AI478810, AA996033, AI685187, AI742045, W96064, AI681016, AI580772, T33918, AI024936, AW028751, AA434099, AI827165, AW300086, AA889968, AW008314, AI265917, AI984561, AA877742, AW003114, N35170, AA987322, AW022441, AA910763, AA243491, AI124025, AI765070, AA884677, AI056620, AI359910, AW351871, AI052381, W81311, AA844185, AA603787,</p>

AI651435, AW016871, AI571393, AA476546, AI304722, AA889289, AI333701, AA044294, AA243428, W40468, T16097, AA970544, AW273026, AI806170, W24250, AA111852, AI362559, W60148, W74747, AA035786, AA725619, AI243167, AI522223, AI808805, AA434369, W81312, AI253071, AA808307, AI683788, R37482, AI650388, AI004291, AI344142, AA101154, AI935966, AI669651, AI186913, AI948923, AI860153, AI298579, AA996292, AI702113, AA531191, AA078922, Z43542, H08503, T64586, AI866869, D58796, W94092, W51938, AA349176, AA483674, AW192524, AA085939, AI309315, N93966, AA196255, W96065, AI202403, AA085511, R62988, AA640172, T50714, AI961628, AA376655, AI435333, W74564, AA814014, AA894595, AA768212, R76156, Z39612, AW151282, AA452689, AA977443, N35597, T49840, H96905, AI698533, AA767590, AI568701, T31524, AA978243, AA370930, AA375488, AI520828, AW103242, T76968, AI880190, R84695, AI525356, AI124977, Z25324, AA658431, H08779, AA262315, AA916166, AA341762, AW015466, R22469, AA829960, AA719815, AA196153, Z45549, AA319607, R78025, R63044, T77132, T85963, R56667, T71935, AW193938, AW104224, F04406, H87982, R26846, AA357282, R79650, T35601, N88359, AA304242, AA233389, AA360722, AA375734, T71928, AA112488, T87634, AI598215, AI910242, T35305, AA380126, AA809949, T35899, R78206, AA938355, AA044121, AW418632, AA355637, T49839, R77020, AI185564, R22419, R73107, R79843, AW007935, R73106, AA344789, AI870082, AA328125, R56830, AI925827, AA369142, N55924, AA325755, AA845757, N36620, AI581578, AA079040, AA927705, R27075, AA879187, AI382558, AA094562, H88162, AA033955, AA476441, AI024882, AI203133, R14199, AI686151, R77924, AA471369, T50868, AA917320,				
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394	HDPJL40	858606	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3025 of SEQ ID NO:394, b is an integer of 15 to 3039, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:394, and where b is greater than or equal to a + 14.</p>	<p>C21159, W94155, W21472, D25555, AA112421, D80005, AF055017, AA730233, AA096006, AI023497, AI088305</p> <p>AI923220, AW271504, N36059, AW243442, AI804888, AW271637, AI650826, AI921747, AW103424, AW076096, AI392784, AI807747, AA633209, AA604757, AW418987, AW242326, AI925261, AW014203, AI819108, AW131363, N33223, AI524472, AI953896, AI126250, AI694687, AI700209, N33824, N21567, AA731730, AA577191, R52426, AI559108, N30972, AI990562, N35579, N25189, AW087660, AA743389, N24947, AI339587, R23308, AI376459, AA742979, N27426, AA954281, T26975, AI801129, AI245517, AI125720, AI701246, N41938, AI640713, AI636147, AW087669, H97662, AI243263, H29641, AI572028, Z46022, H29640, AI983198, AI270534, H99399, Z42169, AI521060, R82562, N34709, AA373475, AA319637, T34245, W20047, R23233, D78710, H29549, AI741908, AA833897, AI369988, Z41637, H29548, AI367191, F01708, AA659275, AI246035, AI219239, AI221561, AI273738, AI281168, AI685342, AB007962</p>
395	HDPGS38	858894	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3262 of SEQ ID NO:395, b is an integer of 15 to 3276, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:395, and where b is greater than or equal to a + 14.</p>	<p>AW069232, AI125648, AI624424, AW390456, AW377272, AI047050, AI135473, AW338313, AA314599, AW338408, AW058395, AW377235, C17248, AA506729, AI801062, AW304244, AA584283, H59230, AI801229, AI267419, AW029190, W47561, AW264141, AW377245, AA148299, W47533, AI866710, H11999, AI499571, AA863211, D57803, AA065135, N84947, AW377244, AW390448, AW028866, AI498663, AI590030, R71267, T29061, AA853771, AW368416, AA528429, N84933, R31348, AA363627, AA373320, H59231, AA166816, AI383616, AI445574, T19196, AW151348, AA064837, D45617, AI557751, U41766, D14665, U41765, A66534, AF069646, AF069647</p>
396	HCQAM69	858949	<p>Preferably excluded from the</p>	<p>AI582192, AI829668, AW022694, AI348001,</p>

397	HOSNCI5	858958	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1618 of SEQ ID NO:396, b is an integer of 15 to 1632, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:396, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 794 of SEQ ID NO:397, b is an integer of 15 to 808, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:397, and where b is greater than or equal to a + 14.</p>	<p>AW073884, AI745128, AI871836, AA976209, AW088315, AW191943, AI431312, AA476876, AA454936, AA708622, AI218146, AI336748, AI189368, AI246200, AI241674, AI969411, AA716347, AA447277, N79335</p> <p>AA843533, AI692783, AI769103, AI479234, AI346969, AI332623, AI560964, AA406642, AW071704, AA707195, AI431301, AI218736, AI961161, AI989624, AA765123, AA180333, AI500253, AW008413, AI473781, AI281064, AI149261, AI253097, AI912120, AI692780, AI262308, AI266734, AA227960, AA923774, R60069, AI034302, N67562, AI925794, AI352401, AA862001, AI869528, AI221573, H94353, AI565227, C21540, AA249165, C14331, D80166, D59859, D59619, D80210, D80240, AA305409, C14429, D80219, C14389, D80164, D81030, D80212, D51799, D51423, D80253, D80195, C14014, D58283, D80022, D80188, D80391, D59787, D59502, AA514186, D59467, D59275, D80043, D80227, D51060, D57483, D81026, D59610, D80366, D80196, D80024, D59889, C15076, D59927, AA305578, D80269, D80045, D80038, D80193, D80133, D51022, D80248, D50979, D50995, AA514188, D80251, D80241, AW360811, D80378, D80522, AW177440, AW178893, D80439, AW375405, AW377676, D80268, C05695, T03269, C75259, AW179328, AW366296, AW377671, AW360844, AW360817, AW375406, AW378534, D80302, AW179332, AW377672, AW179023, AW178905, AW378532, D80247, AW177501, AW177511, D59373, AW352171, AW352170,</p>
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	AW177731, C14407, AW178907, D80134, AW178906, AW178762, AW179019, AW179024, D80132, D58253, D51250, AW177505, AA809122, AW360841, AW179020, AW178775, D80157, AW178909, AW177456, AW179329, D80949, AW178980, AW177733, AW378528, AW369651, AW178908, AW178754, AW179018, AW352158, D51103, AW352117, AW176467, AI557751, AW352174, D51759, AW179004, C14298, AW179012, AW367967, D59695, AW178914, AW378525, D51079, D81111, F13647, T11417, D80064, D59653, AI910186, D58246, AW177728, Z21582, D80168, AW179009, AW178774, AW178911, AW378543, AW177722, AW352163, AW178983, C14227, T48593, AI905856, C06015, AW178781, D59503, AW352120, D45260, C14077, C14344, AW360834, D58101, D59627, AW177723, AW378540, H67866, AI535686, H67854, D80258, D80228, AW367950, C03092, AI525923, AW378533, N66429, D45273, AW177508, AI535850, D51221, AA285331, AI525917, AW178986, D51097, D51213, AW177497, D59474, T03116, AI525920, D59317, D80014, C14973, AW177734, AA514184, D59551, C14957, D60010, AI535961, A62298, A84916, A62300, AR018138, Y17188, AR008278, AB038859, AJ132110, AF058696, A82595, X82626, A30438, X67155, D26022, Y12724, A25909, A67220, D89785, A78862, D34614, AR060385, A94995, AB002449, D88547, AR008443, Y17187, AR008277, AR008281, I50126, I50132, I50128, I50133, A26615, AR052274, AR025207, AR066488, AR016514, AR060138, A45456, X68127, U46128, AR016691, AR016690, Y09669, A43192, A43190, AR038669, AR066490, AR066487, U79457, I14842, I18367, AR054175, D50010, A63261, AB012117, AR008408, AR062872, A70867, A85396, D88507, AR066482, A44171, A85477, D13509, I19525, A64136, A68321, A86792, AR060133, I79511, X93549, AF123263,



398	HHEJQ41	859171	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2414 of SEQ ID NO:398, b is an integer of 15 to 2428, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:398, and where b is greater than or equal to a + 14.</p>	<p>AR032065, X72378, AR008382, D20653  AI085594, AI979021, AI888200, AI888205, AW001578, AA411613, AA235006, AL045223, AW444436, AI453775, AA976885, AI554850, AI744678, AI473648, AA432198, AA411193, AA856575, AI240381, N53228, AA902517, AA633556, AA732554, AA398095, N73775, AI280676, W03922, AA693813, D81541, H57533, AI269162, AI050698, AI093710, AA872982, AA233692, AA257980, D81376, AA985398, H72479, T28972, AI378463, AI278448, D61024, D80871, AA356813, H72158, AI572718, AW021225, AA381648, R71379, AA399573, H15501, AI536017, AI291594, AI690015, AA381354, AI805984, AA768658, T79641, AA579383, R31158, AI872714, T80069, AA381995, N66352, T80891, AA236265, T79727, T70314, AA321074, AA295261, AI619790, AA454520, AW388020, AI582180, D87742, L34688, U35730</p>
399	HTXMR51	859352	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2718 of SEQ ID NO:399, b is an integer of 15 to 2732, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:399, and where b is greater than or equal to a + 14.</p>	<p>AW363446, AI768639, AW393582, AW069238, AA151805, AI302102, AI359022, W72706, AA167429, AI832676, AA534996, AA115174, AI829074, AI870640, AI752265, AI829963, AW022975, AA582822, AA191555, N25968, W63569, AW192674, AI769388, AI418471, AA992113, AW188331, AI816897, AA131045, AW088562, AI685393, AI458130, AI434065, W44478, AA311020, AA126150, AA845374, AA166828, AI422242, AW183765, AW009816, AI120940, AI719342, AA130707, AA167430, AA843760, AA948026, AA644539, AA398996, AA558422, AA661630, AI539659, AA927865, AI742544, AA143536, AI820088, AA305513, AI815029, AW102901, AA725804, N25600, AA864619, AA405085, AA503401, AI129577, N33792, AW385446, AI609769, AI685398, H99319, H09563, AA412702, AI245353, AI632835, AW403447, AI359809, AI214594, N29003, AA151703, AI199980,</p>

	R19741, AA578597, W60512, AW275274, AI423339, N23217, N28799, AI433553, AA399590, T32456, AA113239, AI224550, W43020, AI301295, N69429, C06159, N20135, AI110878, H28875, W42768, H80208, N30029, W43024, N20632, AI041497, N28791, AI023104, AW402233, W77945, AI335353, AA209228, AA305280, AI826788, AW236394, W27707, AA683390, AI342826, W27341, W26189, H96883, H99165, AI752266, AA004530, C06009, AW377536, AA704311, AW021532, AW023135, AA854663, AL121186, AA903459, AA533596, H94852, AA171726, D82543, AW238387, AI274027, N28783, AI866370, W27016, AW265015, N68824, AI559943, R23541, AA311653, AI267623, AA962407, AA526754, C18645, AI267718, D82488, H63616, AI224548, AW136170, AW263407, H12905, W43025, W02651, AA758158, N28767, AI025877, W26304, AI026008, AA004531, AA400249, AA297602, C06105, AA171916, AA857896, C14639, AW244099, AW296975, H11623, AA872095, AA143786, W42769, AA132405, H62867, AA582670, C74987, N37003, N90094, AI283942, AA115891, AI039558, AI022053, AA211911, AW361776, AA442767, T19100, AA913247, N30039, AI023176, AI721077, T28136, AI700275, N26423, AI368394, AA588514, H94909, AI864587, N67089, AI365397, AI299400, N80147, N81159, W28282, F12975, AA429756, R61550, H27750, R61604, C06136, F10573, AI581154, R53662, D61291, N22263, AI687776, AI268504, AW377411, T78753, AA132404, T31614, AA634124, AA732731, T39216, R85616, D54711, R53551, AI523706, N23210, AA737342, AA305887, H06006, AA855148, AA159427, AI956031, W80897, N36598, W38538, AI708463, T34258, D19591, AA568544, AA758826, W26873, T75286, N91049, T33457, D82466, AL008725, AF107406, S83440, D17446, I34403, AC002565, AC007384,

400	HHFCX08	859354	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1348 of SEQ ID NO:400, b is an integer of 15 to 1362, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:400, and where b is greater than or equal to a + 14.</p>	<p>AC004953, AC006480, AC006006, AC003037, AC005081, AC005537, AP000194, AC005996, AP000313, AC004887, T39564, T49001, T51027, T51119, T52635, T52636, T92662, T96399, T96483, T77694, T77871, R10480, R10524, T85612, R26017, R31416, R31417, R31940, R31986, R39183, R39327, R44291, R45161, R44291, R45161, R68587, H05490, H05956, H12133, H13202, H13569, H13604, H13707, H13759, H39869, H54460, H54549, H62527, H63569, H78832, H82866, H88720, N24185, N34198, N36374, N71957, W03674, W20495, W20251, W32740, W56201, AA054354, AA054436, AA062873, AA070066, AA070835, AA078978, AA084013, AA112169, AA126374, AA130792, AA143537, AA148157, AA191305, AA494535, H62594, H85469, AA662462, AA947138, D82587, N56019, N56389, N83818, N84652, W26834, C04818, C14771, AA130964, AA247790, AA291024, AA412703, AA585266, AA628194, Z19435, AA845243, T25450, T25453, AA860706, AA985151, AI097150, Z28687, Z30133, T27432, F03466, F05953, F05952, F03571, F07189, F07315, F00126, F00213, R10895, R10946, Z20073, AA694564</p> <p>AA446834, AA428171, H40390, AL040117, W01904, R20700, AA978340, AA910696, AI672174, AA760703, AW172759, AI923817, AA446835</p>
401	HNTEG54	859702	<p>Preferably excluded from the</p>	<p>AA418408, AW237234, N45214, AI081797, AW293817,</p>

402	HNFFZ19	860915	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1389 of SEQ ID NO:401, b is an integer of 15 to 1403, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:401, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2373 of SEQ ID NO:402, b is an integer of 15 to 2387, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:402, and where b is greater than or equal to a + 14.</p>	AA927507	<p>H98066, AI346325, AL120815, AI609222, AI340324, AI089431, AI160481, AW362004, AA173948, AI128176, AI346651, AW025079, AA987217, AI146776, AI143181, AW026314, AI203634, AI479977, AI381614, AI276013, AA404263, AW020546, AA778163, AI146782, N51322, AA996322, AI128001, AA009485, W52982, AI342106, AW023446, AA176998, AI829200, AW166929, AA976923, AI088295, AI221676, AW022014, AI961317, AA860986, AA716493, N63327, AI479473, AI377519, AW043623, AI337959, AI346240, AA227142, AI334238, AI871328, N36163, AA937521, AI735157, AI339702, AI023362, AI279584, AW276346, AA573338, AI637574, AA173910, H99800, AI684359, AI131000, AI281359, AA040083, AA451681, N70597, AI091140, AI963613, AA194088, N35688, AI022353, N20212, AA732819, AI146931, AA600333, AA455063, AA174011, T49150, AA173546, AW083530, AA427909, AA775302, AA523857, AA737743, AA424132, AA101472, AA513236, AA983546, W04916, AI273250, AA102703, N25762, AI300889, AA574350, AA235211, AA897562, W52983, AA984957, AA878940, N50731, AI675859, AA047630, AI364087, AI472853, AA643825, W78213, H88411, R50720, AA613549, W95401, AI862791, AF121165, AI244736, AA009899,</p>
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			AA189001, AA748624, AA604006, AI350102, H88352, AI866721, AA083715, AA872082, AA235084, W95450, AA427370, AA177093, AA111980, R69033, AA988263, AA737904, W77786, W72680, AI291399, AA321329, W51846, AI022288, R69160, AA526430, AA625937, AA938583, T63358, R64544, R73395, AA730629, AI709132, AA927680, H03596, AI499906, AA169667, AI476078, R69274, AA370521, AA970421, T40877, AI355234, AA181771, T74190, AI352419, T49149, H03802, AI434893, AA013225, R62859, AI868456, R69032, AA989340, T49169, AI275054, AI343802, AI686041, N66155, AI718261, AI472860, AW168310, AI522134, T98224, AI269841, AI918430, AA843340, AA352637, AW337126, R64529, AI986125, AA625666, T64000, R81483, H89144, AA971864, AW379006, T92828, C18921, AA381567, AA309580, T63609, T49168, AI571495, N98678, AW103915, AA551544, AA872081, W35265, AA629207, T39901, R62810, AA340530, AI922130, AA886252, AI918429, AW025133, AA872235, AI419594, D59247, H21733, AA362235, AA343621, R20736, AW022353, AW151874, AI926159, AA669494, T63458, AA401266, H21934, R31268, R33258, AA299046, T63682, AA872964, D61995, R33259, AA169280, W23587, AW370922, AI214942, W33206, AA189002, C21454, R27858, AA059031, AI784403, R64545, AA047574, AI092088, AW085886, T98223, T64111, W37270, R64530, R85757, U77396, AF010312, AC002352, AC006538, AC007021, AC004143, AC004024, AL033527, AC004966, AC005332, AC004491, AP000952, AC006262, T64031, T64078, T92749, R31874, N67272, W70316, AI094890, W19386, AA094519, AA437404, AI051527, D20502, AI291627, AI348372
403	HCDEA29	861209	Preferably excluded from the present invention are one or more polynucleotides comprising a

		<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4048 of SEQ ID NO:403, b is an integer of 15 to 4062, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:403, and where b is greater than or equal to a + 14.</p>	AA393803, H15868, AW081949, AW069235, AI753546, AI679040, AI469093, AI754760, AW239269, AA678550, W58265, AI348137, AI141432, AI750956, AI270477, AI753984, AI752931, AA081393, AW272507, AI890627, AW152185, AA142985, AI679765, AA600345, AI683662, AA599911, AI955804, W72891, AI683274, AW022057, AI554502, AI368694, W78174, AA723207, AW069330, AI750957, AI911862, AA147548, AJ243226, AA994259, AI445315, AA663291, D59314, AI918010, AI923317, W92396, AI825356, AW083677, AA150915, AW275175, AI584114, AA679767, AA678400, W76096, AI002980, AA478481, AI753210, AI753172, AI754137, AA328665, AI635318, AI016709, AA705988, D62627, AA332855, AI539100, H93952, N64047, AA659665, H79672, T91649, AA852182, AI346933, AI142490, D79766, AA614734, AW371066, AA853145, AW376196, AA361568, N90566, W92395, AA373866, AI926391, W20207, AI382388, AA375057, AW438987, N93406, AA357630, AW022533, T95571, T93254, R09121, AA852181, AA333641, T95570, AA333626, AW276393, W21448, AI003181, N67161, AI567192, AW070658, W05687, AA853144, AI061096, AI364425, H93951, AW019988, AW023072, R09120, AA541569, H79673, AI439452, AI812015, AI866127, AI570807, AW004886, AW149925, AW151786, AW131282, AA470491, AI269205, AI119863, AI583065, AI687168, AI802240, AI365256, AI288050, AI333638, AI524671, AI927233, AI439762, AI590227, AI611743, AI537677, AW089226, AI621341, AI802654, AI624693, AI284035, AI564719, AI110306, AI119791, AI433157, AI702073, AI929108, AW089405, AI961589, AI538259, AI630928, AW089275, AW132056, AI590830, AI587156, AI285826, AI270183, AI590134, AI554485, AI469505, AW080992,
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	AI866457, AI609360, AI934035, AW090550, AI963846, AL048656, AA514684, AW083750, AI249946, AL041150, AI815232, AI591420, AI573060, AI932949, AI801766, AA835801, AA743012, AI570861, AI611738, AW151136, AI560171, AI683348, AI811373, AI610402, AI950877, AW051088, AI868204, AI890507, AI636456, AI475371, AI868931, AW020095, AL043975, AW172745, AL045500, AW087445, AI923989, AI500061, AI696398, AI470477, AI345745, AW160916, AL037454, AI499621, AW163834, AI860496, AI499131, AW118496, AI362580, AI679266, AI862139, AW081866, AI698391, AA911767, AI625464, AI612852, AI537617, AI799183, AI866770, AL042382, AI619502, AI619737, AI457369, AL046944, AI523964, AW088903, AL079963, AW172607, AI677796, AA848053, AI537074, AI932503, AI474146, U73778, AL096771, X61024, J05137, D00824, U25652, U57362, U57361, S48373, U57095, S48374, S48383, AL050138, I30339, I30334, I89947, AF090901, AF182215, AL117435, E05822, I48978, AL137459, AF177401, Y11587, E04233, AL050116, AF118064, AL049464, AL137539, Y16645, AL133640, AL137429, AF028823, I33392, AL050149, A93350, AF175903, AL049283, AF069506, A08916, I48979, A08910, AL110280, X82434, A08909, U72620, AL133080, AJ005690, Y14314, AL137461, AF026816, A08913, S68736, A12297, AL080159, AF087943, AF090900, AL137533, A45787, AL122123, AF078844, AF097996, Z13966, AF111849, AF090903, D83032, AR011880, AL050277, AF113690, Y10823, AL117457, U42766, I89931, A65341, X70685, Z37987, AL137300, AL117460, AL110221, AF158248, X06146, I49625, AF111851, AL133606, AJ000937, AL049430, AL137480, AF113691, AR038854,

404	HCYBJ35	861534	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 847 of SEQ ID NO:404, b is an integer of 15 to 861, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:404, and where b is greater than or equal to a + 14.</p>	<p>AL122110, AL050024, A77033, A77035, AJ242859, AF183393, AL137521, AL133568, U80742, AL137267, AB016226, I03321, U53505, AL137550, AF039138, X63574, S78214, AL137479, AF113019, AL122050, AL137271, Y09972, AF039137, AF113013, X98834, AF111112, AL049452, AL080127, AL133016, AL133560, AF113677, AL110196, U87620, AF146568, U35846, AF090934, AF090886, AL050108, AL117394, AL122093, AF106657, U72621, AL133113, AF061943, E01573, E02319, AL133557, AF113694, AR013797, A08908, AL049466, S83440, AF017152, A08912, I32738, AL096751, AL122121, AF057300, AF057299, AF104032, X53587, AL080124, AL137294, AL049314, E02349, AL137523, E07108, AL122045, AF185576, AL137557</p> <p>AA305455, AW015301, N28365, AA593514, AA569620, R18925, AA582378, D80522, D58283, D80253, D80366, D80133, D80043, D80251, C14389, D80391, D59787, D57483, D80196, D51022, D50995, D51060, D81026, D80248, D80045, D59467, D59859, D59275, D51423, D80022, C14331, D80166, D80195, D59502, D59619, D80210, D51799, D80164, D80240, D80227, D59927, AA305409, D81030, D80024, D59889, AW360811, D80269, D80212, D80188, D80247, D59610, D50979, D80219, C15076, D80038, AA305578, AW377671, C14014, D80193, D80268, AA514186, AA514188, D80378, D80439, D80241, T11417, AW177440, D80302, C14429, AW178893, AW178983, C06015, AW375405, T03269, D59373, AW177731, C75259, AW178906, AW366296, AW179328, AW360844, AW360817, D51103, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, D80014, D80157, F13647, AW378532, AW360834, AW177501, AW177511, D51759, AW352170, D58253, C05695, AW352171, AW377676, AW177505, AW179024, D59653, AW178907, AW378528, AW178762, AW179019,</p>
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	AW367967, D80132, AW176467, D51250, D80134, AW360841, AW179020, AW178775, AW178909, T48593, D45260, AW177456, AW179329, AW178980, AW369651, AW178914, AW177733, AW178908, AW178754, AW179018, AW352158, C14227, AW352117, AW178774, AW352120, AW179004, D51079, D80258, AW179012, AA809122, AW378525, AW352163, D81111, H67854, C03092, D58101, AW378543, D59503, H67866, AW177728, AW179009, D80064, AW178911, AW352174, AW367950, AW177722, C14973, AW378540, AI910186, D58246, AA514184, AI525923, AW178781, AI905856, AW177734, T03116, AI525917, D59317, C14407, AW178986, C14344, AW378533, D45273, C14957, D51221, D59474, D60010, AI557774, AI525235, AI525920, D59627, AI535850, AW177723, AI535686, D59551, AI525227, D51213, T03048, D60214, C14046, AI525228, C14298, AW378539, AI557751, D80168, AI525242, AI525222, AI525912, AW179011, AA285331, AI525925, Z33452, AI525215, C16955, T02974, AW378542, C05763, D51097, Z21582, AW360855, AI525237, H67858, C04682, D51231, D52291, T02868, D51053, D59695, AJ132110, AB028859, AR018138, AR008278, A62300, A62298, A84916, AF058696, A82595, AR060385, AB002449, X67155, Y17188, A94995, D26022, Y12724, A25909, A67220, D89785, A78862, D34614, AR008443, I50126, I50132, I50128, I50133, D88547, AR066488, AR016514, AR060138, A45456, A26615, AR052274, X82626, AR054175, Y09669, A43192, A43190, AR038669, AR066487, I14842, A30438, Y17187, AR025207, AR008277, AR008281, X68127, A63261, D50010, AR066490, X64588, AR062872, A70867, I82448, I18367, AR016691, AR016690, U46128, AR008408, I79511, A64136, A68321, D13509, AR060133, AB012117, X72378, AF123263, AR032065, U79457, Z82022, AR008382

405	HEBGA63	861697	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1016 of SEQ ID NO:405, b is an integer of 15 to 1030, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:405, and where b is greater than or equal to a + 14.</p>	<p>AI080468, AA418647, AW161389, AI8111956, AA573763, AA878936, AI911674, AA314980, AA670106, AA236821, AW391361, AW382143, AI151265, AW191948, AA789208, AA687793, AA598814, AA334072, AA775852, AA307422, AI358482, W39512, AA211876, AA774980, W16806, AA610596, AA410349, AI055879, AW162057, C05917, AI815919, AI928921, W39158, AI253295, AA774763, W24716, AA873217, AA253317, AA236781, D82214, AI038950, N93063, AA984706, AA418548, AI268085, AA262342, AA854900, F00834, W05730, AI678756, AA815410, AI928249, AA579924, AA910210, AA406409, AA834206, AA878938, AA317968, AW298758, AA683038, R11913, AI813763, AW024904, AA341594, AI131512, AI150646, AI124762, AA319872, AA989397, AA933884, AA565524, W52885, AI929174, AW382150, W80819, AI302520, AA209282, AA906792, F01195, T99166, AA988035, AA602376, AA576237, AA362873, AA872148, AW392356, N90236, AW392318, AI222938, R42924, H07003, AW271516, AI949964, AA158397, AA747874, AA004976, AI948692, N74886, W60093, AW392089, AA113297, H05454, AA004863, W15220, AA324556, AI271996, AA158514, AI272005, AI985478, AI469035, AI761937, AW374324, AI823614, F03425, AI766959, X03747, U16799, X03883, X04635, M38313, X03937, AF204927, X05297, J02701, M14137, X17162, X16646, M25159, M25160, X61433, M25161, X17161, AF034480, X63375</p>
406	HFACI10	861826	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2414 of SEQ ID NO:406, b is an integer of</p>	<p>AA058863, AI681932, AI433708, AI701156, AA744756, AI765543, AA748766, AA573886, W74619, AA446934, C05807, AA807534, N34842, AA447856, H10332, AA576797, AI401071, AA059327, AI249003, N80477, AW028793, AI291540, AW005248, AW022291, AI345989, N62688, AA128903, AA040014, AI475548, AA443357, AA314184, AW016942, W19934, N68510,</p>

			15 to 2428, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:406, and where b is greater than or equal to a + 14.	N63631, N80462, AI222850, AA761854, AA670372, N55352, AI333296, R69485, AI168591, AI333297, AA568155, AI989358, AI346776, AA134835, AA464610, AA501941, H99168, H90437, AI262312, AI769724, H10333, AI348289, AI299376, R83327, W00825, W94195, W01972, H52396, AI201740, AA112365, R24954, AW131097, AI275051, H90386, AA219261, AA620503, AA219337, AA598718, AI937826, AA018112, AI695367, AI671097, AW183475, N27057, N69539, AA086194, AA063281, AA719017, AI208725, T16450, R35684, H52395, N43917, AI198900, AI271916, AW162284, AW242381, R83424, AI951002, AA112364, H86605, F13382, AA988348, AA766496, N77359, AA653119, AI590732, H86524, R34527, AI002326, T77193, Z38631, AW401758, AA257964, T33721, N34801, R42813, T17317, AA018111, F02106, AI879795, F10973, T16747, AI214496, AI253777, R49037, AA301894, R45217, AI674372, AA601562, AA351220, AA769079, W21605, AA063266, F01935, AW264208, R70378, F05027, N79085, Z42425, F05675, AA628039, D31586, AI445203, AW272928, D79284, AW023691, AC002323, Z81330, AF052138, AC002105
407	HETCM67	861909	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2033 of SEQ ID NO:407, b is an integer of 15 to 2047, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:407, and where b is greater than or equal to a + 14.	AI927716, AA479710, AI624420, AI696897, AI470208, N64824, AW298323, AI921914, AA280392, AA648830, AI866003, AA805155, AI624552, AI393447, AW364516, AI364737, N75676, AJ242015, AF137334, AJ242014, AF137335, A61275, A61276
408	HCRNF78	862197	Preferably excluded from the	AI082249, AI917738, AI765311, AI569854, R60843,

			<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 878 of SEQ ID NO:408, b is an integer of 15 to 892, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:408, and where b is greater than or equal to a + 14.</p>	<p>AI079350, AW015424, R34737, AA127263, AI860770, AI094178, AA580273, AI886702, AI886517, T80049, AA127262, AA377155, AI024477, AI744759, AL119324, AW372827, AW392670, AL119457, AW363220, AL119399, AL134920, AW384394, AL119363, AL119391, AL042975, AL119483, AL119319, U46341, AL119497, AL119355, Z99396, AL119341, AL119484, AL119396, AL119443, AL134902, AL042614, AL119335, AL119522, AL042544, U46349, U46346, U46351, AL042965, AL042433, AL119496, AL047163, AL079683, AL119464, AL042973, U46350, U46347, AL042898, AL119444, AL134536, AL043011, AL042984, AL042450, AL037205, AL119401, AL119439, AL119418, AL042978, AL042542, AL042980, AL042896, AL042970, AL119488, AL043029, U46345, AL134527, AI142139, AL043019, AL119304, AL042551, AL042428, AL043033, AL043003, AL119320, AL043039, AL043037, AL043008, AL042850, AL133095, AR066494, AR060234, A81671, AR054110, AB026436, AR069079</p>
409	HRACX96	862232	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 682 of SEQ ID NO:409, b is an integer of 15 to 696, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:409, and where b is greater than or equal to a + 14.</p>	<p>H89053, AA324208, AW205793, AW021628, AP0000967, AF200465</p>
410	HTLAK94	862237	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AI539386, AI190303, AI219986, AA868538, AI345954, AA988977, AI309975, AI338679, AI200426, AI720044, AI827995, AI807471,</p>

	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1871 of SEQ ID NO:410, b is an integer of 15 to 1885, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:410, and where b is greater than or equal to a + 14.</p> <p>AA932930, AI829710, AW268605, AI202768, AI148589, AI808710, N37092, W74439, AI436105, AI332422, AI222787, AA865258, AI091541, AI830140, AI476645, AA436117, AI393567, AI742423, AI991280, AA976254, AI040961, AI911731, AI204236, AI807161, AI798704, AI091532, AW001083, AA883578, AI536845, AI684261, AA906270, AI286196, AW084515, AA884285, AW195890, AI203679, AA884231, AA435561, AA843421, AA393148, AI142135, AA776717, AA740667, AI149711, AA917965, AA758038, AA923373, AI936554, AI167652, AA994527, AI083755, AW043785, AI291760, AW269733, AW304042, AI243370, AA456074, AW391262, AI694334, AI027967, AI243219, AI167246, AA910051, AI031908, AA846787, AI200425, AA757222, AA777492, AI311479, AA758549, AI833323, AI091504, W58740, AI688130, AA725406, AI935008, AI025986, AI318065, AA972041, AA962659, AI829757, AA897637, N29346, AA748637, N40362, AA996162, AI150116, AI799122, AW166483, AA971938, AI083851, AI679583, AI243421, AW188625, AA884703, AI347903, AI241349, AI024835, AI807973, AW183835, AI025228, AI798180, AI858097, AI276559, W79084, AA875917, AA410432, AI493367, AA905015, AA505880, AW371415, AA904368, N39659, AI743644, AA305510, AA938552, AI284271, AI377383, AI911350, AI187351, R23891, N27547, N26589, AW082764, AA954722, AI214377, N46406, AA843427, W00472, AA412317, AA954270, AA455577, AI971480, AA305179, AW085014, AI689289, AA740333, R65987, AI220007, AI216245, AA815444, AA099550, R76814, R65986, AA835882, AA969436, AA393638, R83423, AA861386, AI198119, AI168675, AA815351, AI698618, AA977877, AI762065, H72396, R71169,</p>
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411	HCQCV31	862277	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 570 of SEQ ID NO:411, b is an integer of 15 to 584, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:411, and where b is greater than or equal to a + 14.</p>	

412	HTJMG70	862285	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1398 of SEQ ID NO:412, b is an integer of 15 to 1412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:412, and where b is greater than or equal to a + 14.</p>	<p>W81119, AW361705, AI023171, AA535154, AW157219, AI921982, AA515031, AW069552, AI3111724, AI857692, AI862158, AI289893, AI079531, AA235169, AI051186, AW135105, W78767, N64363, N92160, H27964, AA554699, W24363, AI358378, AA827945, AW151259, AA778925, N48967, AA935704, N98752, AI087228, AI289894, H27965, AA234898, H25648, N48871, H16658, AW264713, AA554060, AA761787, AA256622, W30963, AA748881, H16515, Z42632, AA642946, Z24944, N45683, AI468784, R62650, T05232, C18517, AI382379, H90088, Z38800, N99389, N45623, R62602, AA634880, R36126, R36398, AA256515, H98998, AI474159, H89998, AW273277, AW163223, T07753, N71434, N93642, N98751, AA091881, AI557258, AI557082, AI541321, T18597, AI541205, AI525500, AI557533, AI525556, AI535660, AF111168, A62298, AR050070</p>
413	HSNAT52	862423	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 350 of SEQ ID NO:413, b is an integer of 15 to 364, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:413, and where b is greater than or equal to a + 14.</p>	<p>AA506281, AL044326, AI624181, AA598748, AI278429, AI651080, AW236530, AI206105, AA593024, AA393540, AI002760, AI207152, AA653491, AI299472, AW020592, AW020397, AW020931, AI525653, AW020634, AW019988, AI343030, AI340510, AI334889, AW023863, AW020328, AI557808, AW021178, AW020425, AI336565, AW022826, AW022308, AW022299, AI312264, AW021717, AW020406, AI349805, AW020710, AW023351, AI783838, AW022981, AW020403, AW021693, AI274731, AI559782, AI557238, AW022593, AW021182, AI310920, AI313352, AI307503, AW020480, AI557104, AI525669, AI313320, AI336585, AI334913, AI349266, AI334452, AI349787, AI310951, AI344938, AI340634, AI312146, AI340537, AI312339, AI309431, AI312165, AI345258, AI349288, AI349628, AI340610, AI307459, AI343140, AI349971, AI348879, AI307507,</p>

414	HHFCZ67	862456	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1319 of SEQ ID NO:414, b is an integer of 15 to 1333, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:414, and where b is greater than or equal to a + 14.</p>	<p>AI340639, AI307538, AI311604, AI343995, AW023469, AI349220, AI340613, AI307456, AI348897, AI311440, AW020876, AI312333, AI312398, AI310945, AI312431, AI312414, AW022168, AI349952, AW023955, AI311472, AW023884, AW020629, AW022760, AI349269, AW021059, AW021466, AW021561, AA814582, AA189092, AL047042, AI349246, AW019985, AI541027, AW023617, AW021066, AW021909, AW195116, AB002359, AB031064, A59344, U49908, S56212, X73361, AL133016, M79462, X96540, AL137267, X60769</p> <p>Z43633, F08755, T58116, R18988, AA348184, AA101651, AA626439, AA283169, H69209, AI079568, T36154, AI762375, AA459747, AW084483, H75695, H52299, H51818, AA455530, AA410814, AI768686, AI925862, AI859633, AW074071, AL050217</p>
415	HHFIA95	862486	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3132 of SEQ ID NO:415, b is an integer of 15 to 3146, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:415, and where b is greater than or equal to a + 14.</p>	<p>AI761722, AA903124, AL134516, AI831473, AA604081, AA603455, AI694366, W80392, AI817117, AW168295, AI935246, AA887227, AA211611, AI076013, AW263745, AA211683, AI281897, AI827407, AI244255, AW086067, AI660036, AA044091, AA917034, AI637588, AI559254, AA393852, AI190898, AI808102, R60765, W78970, AI040177, N22921, AI242430, AI122753, AA604102, W56449, Z33451, AA547998, AW242400, AA044281, AI188686, AI338330, AA765282, AI338329, AA159042, H18545, AA393851, AI973242, R60253, N63356, AA569460, F06764, AA541308, AA936280,</p>



416	HMSOR85	862709	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 580 of SEQ ID NO:416, b is an integer of 15 to 594, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:416, and where b is greater than or equal to a + 14.</p>	AA995784, AA031985, AA993733, R67234, AW136432, Z39821, AA173320, H51502, AA173319, AW316605, H02648, Z26973, R81685, AI244925, AI016876, H18437, AW265135, T54070, AI541355, AA565781, AW023057, R74303, AA856745, T34301, R28236, H74149, R38158, AI332886, Z42782, AW242417, R34113, AA731347, H51503, R38121, F05473, D57866, AA031984, R27980, R81686, R38063, R38035, AA300862, AI804174, AW050651, AI499327, AA894455, Z38926, AW151345, F01732, AA248693, AI364416, AW119129, AA342961, AW402975, AA708733, AA830423, AB002533, U93240, Y12393, AF020771, D17139, AL022152, AL109623, AC000100, AC004945, AC004129, AP001172, AC005392, AL034551, AC005783, AC003001, AL031054, AC005818  AA227536, AW134806, D62997, AA460722, AA401898, AA233391, AW172757, AI268277, AW203958, AI023110, AI271519, H02043, AA227890, AI083534, AA994213, AA451869, AA911642, AW169513, R11169, T95434, R81939, H01961, AA252253, AI925157, AI440213, R39952, AA224370, R81940, AI160601, AW079566, AF131846
417	HBJJU68	863865	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 548 of SEQ ID NO:417, b is an integer of 15 to 562, where both a and b correspond to the positions of</p>	AA115295, AA426325, AI983849, AA873315, W84510, W84522, AA873307, AI355170, AW303776, AA969227, AA780019, AA599312, AA534678, AI338244, AI926527, AI460358, R88096, AW069314, AA894546, AI127202, AW020877, AI926969, N33197, AA625435, AA115270, AW021988, AW083323, AA427844, AI357402, AA429402, AW073382, AA367342, AL049024, AA493560, R88205, AI571515, AI142383, AI628677, AA426326, AA992123, H71599, AA954743,

418	HDPBN09	863944	nucleotide residues shown in SEQ ID NO:417, and where b is greater than or equal to a + 14.	<p>AW117398, AI214877, AI911337, AA233622, AA864950, AW275286, AA213392, AA425133, AI475634, N24819, T94173, AI419516, AI701411, N42400, AI147373, AI287696, AA622262, AA505746, AI350967, AI083596, W74274, N63079, N33426, AI832767, H71470, W44645, T94091, N52803, AI184310, AA195578, AA233420, AI005421, AA029095, AW014339, AA908660, W79889, AI350791, AI368443, AI954381, AI473104, AI275186, AW241382, AA515528, AA194897, AA782901, AW069414, AA426011, AA485787, AA299914, AI305169, AI117489, S82009, S82008, M63599, AC004913</p> <p>AA186686, AI983378, AW073370, AI571754, AI949363, AW297852, AA866117, AA837398, AI087053, AA527147, AA134227, AI214230, AA134226, AI219901, AA740489, AI766718, AI083795, AI471975, AA186685, AW249810, AI889098, AA969313, AA661756, AA908358, AA326181, AA622860, R72195, AI955869, AI815177, F34949, AA350806, AI697087, AW009686, AI738560, AW248074, AA586777, H96214, AA301762, F19158, AA350807, W21593, N89670, AW183231, AA346389, C00663</p>
419	HFNAC49	864428	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1398 of SEQ ID NO:418, b is an integer of 15 to 1412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:418, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1925 of SEQ ID NO:419, b is an integer of 15 to 1939, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:419, and where b is greater than</p>	<p>AA992583, AI417032, AW196768, AA527116, AI416996, AA994849, AI097395, AA315508, AA263045, AI912268, N36881, AA460609, AA837748, AI375674, AI052203, AI383778, N66508, AI368949, AW291674, AA689425, AI912651, W39520, AI753186, AA336608, AI290160, H13540, R66265, N56046, R66729, N46151, AI250865, AA706445, W16926, AC007899, AF167460, U50633, AR030750, M35663, I66342</p>

420	HHETS46	864808	<p>or equal to <math>a + 14</math>.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 562 of SEQ ID NO:420, <math>b</math> is an integer of 15 to 576, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:420, and where <math>b</math> is greater than or equal to <math>a + 14</math>.</p>	<p>AI264637, AW440517, AI289816, AA308065, AI087224, AI333981, F22528, AI087291, AI042559, N32838, AA101212, AA513003, AA127626, AA716353, AA121528, AI208270, W39584, AI024761, AI805206, W44935, AA448463, AI685445, AA677140, AA045311, AI094396, AA932240, AA062780, AA973273, AA112905, AA062735, AI911056, AA082078, AI347381, AA045417, AI832874, AI086794, AA431571, T96692, AI890885, AA894627, AA304050, AI248836, AA327793, AA302176, AA302332, AI350909, T96809, AI283682, AI695634, N42284, AA074777, AI097092, AA704961, AA704993, T97458, R09226, T97730, T97914, AA203274, AA083929, AA331180, AA593102, AI540890, AI541321, AI557426, AI541056, AI557602, AI541027, AI541279, AI535813</p> <p>AI078121, T61964, AL079622</p>
421	HHATS67	864822	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 937 of SEQ ID NO:421, <math>b</math> is an integer of 15 to 951, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:421, and where <math>b</math> is greater than or equal to <math>a + 14</math>.</p>	
422	HLHTL45	865044	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 659 of SEQ ID NO:422, <math>b</math> is an integer of</p>	<p>AA810700, AI459372, AW204494, AI167739, AI308750, AW079517, AI304463, AI348049, AA781353, AA740190, AI245908, AA448390, AA194605, AI073753, AI245270, AI160024, AI346019, AI240109, AA579960, AI146972, AA804861, AI244610, AI018032, AI924255, AA782917, AI198405, AA150413, AI498033, W84699,</p>

			15 to 673, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:422, and where b is greater than or equal to a + 14.	AA150136, AI088909, AW195727, AI350465, AW207349, AA773774, AA908581, AW182756, AI023582, AI698603, AA772649, AA740373, AI245510, AI004632, AI198724, AI566264, AA477201, AA291758, AA477036, AA768998, AA781769, F34275, AA479797, H69491, AW074444, AA448387, AA026249
423	HHEIZ45	865420	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2059 of SEQ ID NO:423, b is an integer of 15 to 2073, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:423, and where b is greater than or equal to a + 14.	AA877614, AA628899, AA423875, AW291028, AI149868, AA209244, AI802203, AW087182, AI199494, AI218592, AA423837, AW004725, AI042456, H15124, AI916084, N74995, AA807339, AI739439, AA994646, T90789, AI570646, AI563977, AA504557, AI671879, AI276433, AA845650, AI659007, AI953416, AA758717, AI699947, AW374652, AW235833, AI401836, AI351215, AI440396, AI923989, AI433157, AI554821, AW151136, AI539771, AI537677, AI500659, AI815232, AI801325, AI500523, AI582932, AI284517, AI500706, AI491776, AI445237, AW151138, AI889189, AI521560, AI500662, AI284509, AI889168, AI866573, AI633493, AI434256, AI805769, AI888661, AI284513, AI888118, AI440252, AI633125, AI927233, AI889147, AI047611, AI866472, AI670009, AL045500, AW172745, AI702073, AI500061, AI494201, AI866510, AI637584, AI433976, AI471909, AI289791, AI815239, AI687362, AL042377, AI872300, AI929108, AI436429, AI275175, AW090071, AI499463, AI801286, AI915291, AI887308, AI610362, AI866770, AI285417, AI440239, AI698391, AI521594, AW163834, AI537273, AW198090, AI371228, AI436456, AI963846, AI567940, AW087445, AI817244, AI345587, AL110306, AI610557, AI612913, AI285826, AI863014, AI499512, AI889133, AL042787, AI610402, AI283760,

	AI434223, AI610429, AL039086, AI539632, AI889148, AI539847, AI274759, AL042538, AL042551, AI446536, AW148363, AI567935, AI805762, AI432656, AI049851, AW073865, AI612852, AI580435, AW190194, AI270183, AW172723, AI249946, AL048323, AI866608, AI872423, AI432666, AI620284, AA928539, AI826636, AI567993, AI859991, AL047422, AI538885, AI866465, AL036780, AW268302, AI434242, AI866691, AI433968, AI371251, AL040844, AI345415, AI890223, AI537191, AI863241, AI796743, AI440263, AI561170, AI242736, AI866469, AL041862, AL042365, AI432644, AW083804, AI804505, AI866786, AI690946, AI860003, AI354998, AI678496, AI887499, AI677796, AI343030, AI538850, AW130776, AI887775, AI288285, AI590043, AI653979, AI926593, AI587114, AI582912, AI539800, AI932794, AI866457, AL119836, AI445992, AI500714, AW301505, AI340519, AI912356, AI285439, AL042745, AI623736, AI355779, AI581033, AI431307, AI491710, AI249877, AI440238, AW169671, AI567971, AI431316, AW192652, AI699056, AI539260, AI828574, AA259207, AI434468, AI654276, AW151979, AI612885, AA420758, AI539781, AL048340, AW152182, AI539707, AI702065, AI564719, AA420722, AW118518, AI885949, AI768496, AI285419, AI559957, AW089557, AW131331, AI521571, AI469775, AI890214, AI866581, AI349772, AL042557, AI797908, AI648567, AL048312, AI864836, AW074057, AI815150, AI567953, AI446495, AC004812, I48978, I89947, AF113677, A77033, A77035, AF113699, AF090901, I48979, A08913, AF182215, I66342, AL110196, A08910, A08909, AF087943, AF079763,

	AL049382, AF090900, A07647, AC007458, S61953, AL122049, AJ012755, AF017437, AL137550, M92439, U35846, X72889, I89931, AL122121, I49625, AF113019, AF090903, A08916, U30290, AL117435, AL050277, I03321, AL133072, Z82022, AL050393, AL137480, X62773, AF104032, Y16645, AL080159, AL133075, AF146568, AF090896, S78214, AL137283, AL049938, Y11254, AL050149, AF125948, X82434, AJ000937, AL137271, AF183393, AL137658, AL133560, AL122110, A65341, AL133080, AL133070, AR059958, AF026124, E07361, A58524, A58523, AF026816, AF091084, AF004162, AF067728, AL110221, AL133113, AF032666, AF067790, AL137560, AL137459, AL049452, AL137533, AF177401, U80742, AL137488, A03736, AF106862, AF131773, AL049283, AL117460, AL133557, AF090886, AL096744, AF158248, AL110280, E12747, I68732, AL133640, S63521, L40363, E02349, AF176651, AL122098, AF185614, Y14314, AL133016, X99971, AL133565, AL133049, AF113694, AL133084, AL049300, AL137557, AL050024, AL049430, AL117585, A93350, AC002471, AL050116, AL133077, AC005374, AL122123, U92992, AR000496, U39656, X70685, AL049466, AL133067, AJ238278, AR053103, AL117457, X65873, AF115410, E05822, Y11587, I33392, X84990, S68736, AF180525, AR068466, X63574, AL117583, AL080124, AF090934, AF118094, AL050138, AL133619, AF019298, E15569, AR038854, AL137463, AF119337, I09360, AF097996, X06146, I42402, L31396, AL050108, AL122093, AL096751, AF079765, AL137521, L31397, I08319, AR011880, I35495, AF113691, AF113690, E03348, AF113689, AF200464, AL080074, AF113676, U42766, AL8777, U00763, AL137712, AL117626, AF120268, I17767, X52128, E01187, AF108357, AL110228, AF106657, AL137548, AF061943, U49908, AF035161, AF002985,

424	HNAAF81	865421	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2595 of SEQ ID NO:424, b is an integer of 15 to 2609, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:424, and where b is greater than or equal to a + 14.</p>	<p>AL136884, AL137429, L13297, AF126247, AF118070, U92068, AF132676, AF061836, AL137538, AF017152, AF185576, AR034821, AF057300, AF057299, AF113013, AF078844, AF076464, AL049464, AR009628, AF111851, I26207, X89102, AR038969, X93495, X96540, AF111112, AB019565, AL080060, AR013797, AF161699, AF090943, AF118064, AL133093, U67958, AL122050, AL049423, AL049314, AF141289, AL137648, AJ242859, AL080127, E07108, AF125949, AL122111, AL050146, AL080137, AL117394, AL137527, AL133606, D16301, X98834, U72620, A93016, AF100931, X60786, X83544</p> <p>AA131472, AI741118, AI754213, AI143267, AW182304, AA746017, AI984675, AI001157, AA702327, AW129625, AI084582, AI275034, AA193297, AA328810, AI027611, AI151227, AW407686, AI431663, AI224859, AI910890, AI436774, AA195648, N95606, N69470, AI081581, AI338503, AA135941, AA195647, AI424020, AA323696, AI185201, AI033555, W27152, AA524496, AA055891, AA307138, AA148219, AI085028, AW162502, AA115512, AA285045, AI420987, AI810859, AA001867, AI479676, N79245, AI498247, N90962, AI041867, AI274857, N30668, AA470477, AI245586, AW160632, AA862812, AI004976, AA827925, AW340620, AA282822, AA553813, AI985443, AA669010, AA147218, AA676390, D19675, AI524393, T34039, AA136257, R46125, AA912075, AA354027, AI829295, R40774, T35299, AW294232, Z40261, AI184426, F17833, AA070812, T32719, R14450, AA662529, AI611263, AI174660, AA552130, AI693004, AW082821, AI918275, R85087, AA389754, T15443, N59872, AW196058, AI824556, AA320867, AI889255, AI453266, AA742955, AI889517, AI635612, AW292521, AI497733, AI802542, AI612913, AW293664, AI492540, AI538716,</p>
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	AL036361, AI866780, AL036146, AI636456, AI537303, AL041772, AI963846, AA738104, AI564719, AL045500, AI433157, AI349004, AW150578, AI620284, AA225339, AL119791, AA640779, AI625079, AI475371, AI440426, AI432969, AI282903, AL036274, AI281773, AW026882, AI440239, AL040169, AL134259, AI493248, AL040827, AL079963, AL121014, AI567360, AW071417, AL036901, AW162071, AI349645, AW238730, AI312428, AW268251, AL038605, AI580190, AI340519, AI702406, AI436456, AI537677, AI445432, AL040243, AI285735, AI340582, AW103371, AI521012, AI635461, AW071349, AI671679, AA470491, AI469532, AI620868, AI439745, AI619502, AI687728, AL036802, AA508692, AW198090, AL038779, AL036396, AL119863, AI697137, AL039086, AI340603, AI818683, AI499393, AI699865, AW148320, AI800453, AI800433, AI500077, AI269205, AI610307, AI702433, AL036759, AW169653, AW161579, AI349772, AI536685, AW074993, AI567351, AI349614, AI868831, AI343112, AW089572, AI498579, AI433976, AW268253, AI815855, AI312152, AI345735, AI349937, AI934035, AA613907, AI348897, AA572758, AI269862, AI597918, AW068845, AI682743, AW129106, AI349933, AI524671, AI866608, AI133489, AI673297, AI613017, AL121365, AL039132, AW302965, AA528822, AL047763, AI281762, AI554245, AI590128, AI250293, AI784252, AW268768, AI631107, AI633419, AI934011, AI866002, AI828731, AI874109, AI920968, AW302988, AI811168, AI824746, AI539771, AW268220, AW104724, AI696398, AL036980, AI500061, AI922901, AI273142, AI687375, I48979, AL133640,



	AL137459, AF090903, I89947, AR011880, AL049452, AF104032, AL117460, Y11254, AF090901, AF118070, AF113694, AF090900, AF090934, AL133560, AL117457, A08916, Y11587, I48978, AL049314, AL050116, AL050146, AL137527, AL050393, S78214, AB019565, AL122050, AL133557, AF125949, AF106862, AL110221, Y16645, AL050149, I89931, L31396, A08913, L31397, AF113690, AF113013, AF078844, AF090943, AL133075, S68736, AF113691, AL133606, AL049938, AL133080, AL133016, AF090896, U42766, AF177401, AL049466, AF113677, AL050277, AL050024, I49625, AF113019, AF118064, AL110196, AF113699, AJ242859, AL080060, AF113689, AR059958, AL137550, A93016, AL049430, X84990, AL050108, AL117435, AL122093, AL133093, X63574, AL122121, AL137557, AJ238278, AF017152, AL096744, AF113676, AL050138, AL049382, E03348, AF125948, AL080137, AL133565, E02349, AL117583, X82434, AL117585, AL080124, AL137463, AF091084, AF146568, I33392, AL117394, AF097996, A65341, AL122123, AF017437, AJ000937, AF111851, AL110225, AF079765, A08910, AL049464, AF158248, E07361, AF183393, AL133113, AL137283, A58524, A58523, AF118094, AL122110, AL049300, E07108, U35846, U91329, X70685, AL110222, A08909, A77033, A77035, I03321, AL049283, U72620, AL050172, AL122098, X72889, Z82022, AL137271, U00763, U80742, AL133072, A08912, A03736, X96540, AL137538, AF087943, A12297, X93495, AF061943, Y14314, AL137648, AL137526, I09360, AF111112, AL080127, AL080159, X65873, AL110197, AL137521, U67958, A93350, AF026816, E08263, E08264, AL137560, Y09972, AL110280, AF111849, AL122118, S61953, AL133568, I26207, X98834, AF067728, E04233, AL137523, AF079763, AJ012755, E15569, AL133558, U68387, AF185576, AL122049,

425	HSLGX52	866287	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 973 of SEQ ID NO:425, b is an integer of 15 to 987, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:425, and where b is greater than or equal to a + 14.</p>	<p>E05822, AL133077, AL133104, AL137556, AF026124, Z37987, AL133014, AF008439, X87582, AR000496, U39656, U96683, A07647, AF119337, AR038854, AL080074, I00734, AF057300, AF057299, U49908, AF003737, E00617, E00717, E00778, AL137476, Z72491, AL137488, U88966, A45787, Y07905, AR038969, U58996, AL137533, AR013797, M30514, AL133098, AF153205, AC004093, AF061573, AF100931, A90832, AF106827, AL137558, AF162270, AL133067, I17767, AL117440, E12747, AF095901, E06743, U78525, A08911, X92070, AC004200, AL137478, AL137480, L30117, AL137294, AJ006417, X62580, AJ005690, AL137705, Y10655, AF030513, E02221, AF067790, AR020905, L19437, AF132676, AL133081, AF061836</p>
426	HWLN121	866300	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1712 of SEQ ID NO:426, b is an integer of 15 to 1726, where both a and b correspond to the positions of</p>	<p>AI697569, AI697833, N21277, N32584, AI688219, AI291299, AI492326, N75967, AW206251, AA836065, AI916534, AA424349, AI292114, N31212, AA235383, AA555024, H45451, AI538241, H45537, AI784105, AA918245, AA747919, AI911801, AI251010, AA424515, H02792, AA215787, AA090140, AI446091, AW050558, AA683529, AI131054, N41921, AC003010, AC002468, AC005620, AC007088, AC004967, AC005837, AL033518, AC004617, AC004953, Z74617, AC002992, AC006581, AL033397, AJ251973, AC004887, AC003013, Z98941</p> <p>AA151676, AI769896, AW001439, AA442724, AA701093, AA988751, M79144, H43287, R85181, H26915, F37221, F32047, R85880, F31655, AI688230, R85111, R87768, AA379165, T34748, AA873108, AA670309, AA483340, R84489, D25831, AB023211, AL049569</p>

427	HKADX79	866414	nucleotide residues shown in SEQ ID NO:426, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1514 of SEQ ID NO:427, b is an integer of 15 to 1528, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:427, and where b is greater than or equal to a + 14.	AI659421, AI632698, AI969812, AI394313, AI739006, AW139577, AW271206, AI805043, AI799897, AW293868, AI923666, AA640596, AA308562, H80192, AW377553, AW377527, AA833662, AA910928, AI275400, AI191675, AI041565, AI693984, AI392758, AA776304, AI597816, AW138256, AI956051, AI085021, AI288918, AI076685, AA725434, AI824191, AA226122, AA524228, AI471844, N70113, AA143493, AA226045, AI123234, AA858158, AA532806, AA143492, W01829, N70775, AI183697, AI693773, AA304772, AA757995, AA152444, AI276951, AA613815, H78816, AI076680, AI283120, AA152445, AF228603, AF157600, AF170564, AI280901, AI922816, AI565695, AA148507, AI829019, AI400567, AI829508, AW374018, AI097630, AI634506, AI804426, AI446026, AA705946, AI422785, AI435801, AI369213, AI885226, AI432471, AA573316, AI912001, AI806682, AI333964, AA846015, AA482181, AI809117, AW002805, AW316839, AA282675, N33872, AI682044, AA759157, AI367910, AI188447, AI347511, H20618, H17420, AI332885, W22763, AI982624, AA100122, AA954893, AI735769, N25239, AI680860, AA156615, AI537693, AI143785, AA100061, AI524527, AA007162, AA625505, AI371451, H20527, AA007160, H17421, AA007161, T81126, T81079, AI086171, AA884170, AA319441, AA282548, AA482278, AA953431, AW364846, AL050021, AI365618, AC004263, T94283, N22176, N71222, AA026061, AA854747, AI472493
428	H6EAB24	866987	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2041 of SEQ ID NO:428, b is an integer of 15 to 2055, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:428, and where b is greater than or equal to a + 14.	
429	HRDFP67	867132	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	

430	HDP58	867388	<p>is any integer between 1 to 341 of SEQ ID NO:429, b is an integer of 15 to 355, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:429, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2820 of SEQ ID NO:430, b is an integer of 15 to 2834, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:430, and where b is greater than or equal to a + 14.</p>	<p>AI458786, AI887533, AW390526, AW390528, AW195333, AA305871, AW390529, AA779299, AW360787, AA932904, AW081658, AI768543, AA161227, AW188432, AW022692, AA307724, AI623414, AI829401, AI572590, AI972121, AI671703, AW150744, AA308342, AA633228, AA855063, AI669455, AA161190, AA127374, AA847670, AW090023, AI520686, AW117736, AA044425, AW051743, AI339532, AA581822, AW027895, AI261519, AA873824, AW117669, AA070157, AI214974, AI265963, AI858153, AI989366, AW303893, H16931, AW151801, AI560039, AI221820, AI261495, W88481, AA862524, AA127373, AI082034, AI375974, T77484, AI973142, AI291188, AA029130, AA219277, R54545, AA448652, AA448748, AA099307, AI915901, W90061, AA810334, AA314303, AA594480, AA668520, AI040180, AI619937, AI863529, AI635285, AI811551, H20093, AA219340, AI932339, AI421285, AA233332, AA810722, F13364, AA043059, AA099817, F06571, H82160, M62189, W23152, N36230, AA877042, AA350625, H16823, R59794, R93388, AW204862, Z39554, AA639161, AI289443, AA224101, AI433218, AI872709, AI014937, AA592917, AA781575, AA705663, H45567, F10958, H91261, AA628728, AI281849, AA070256, AI267542, H45471, H22802, AI420466, AA296798, C04074, AW238960, R93389, N88473, AA906981, AA632381, AW182233, R95154, AA312474, F05926, M78191, AW118295, AA224100, AA545788, AA328674,</p>
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				R61336, AW339384, F02174, AW130994, R54447, AA296745, R65900, N38906, AI001898, AI869861, AA364250, F04495, H23008, AA860440, AA350626, AA159104, R21376, AA389643, AA361411, T35030, R38373, H90353, AA704415, T16130, T24815, R65804, H82062, AA071429, AA666309, AA232913, AW148585, AI370241, AI804738, AA030001, N93735, C03812, AA730612, AI973018, AW380044, C02275, AA248408, AI497704, AA362217, AI758396, D19826, AW389505, N46480, AA365455, C03880, AA247342, W51749, R58318, AA974143, AI880838, AW382214, AL121270, AL120853, AL048656, AI567360, N80094, AI269862, AI349964, AI345416, AI345612, AI539153, AI572418, AL079963, AI539028, AI345415, AI340582, AI909696, AL049085, AI684234, AI251205, AI612759, AW020095, AL041772, AW074459, AI364788, AL045266, AW268122, AI500706, AL045500, AI828731, AA572758, AW023590, AW303074, AW304652, AI869367, AI284517, AI633419, AL042628, AW191003, AI433976, AI620284, AW268220, AI868831, AI921176, AI950664, AI334450, AI521012, AW238730, AA427700, AI308032, AI862144, AL119791, AI433157, AI539771, AI567351, AW103371, AI537677, AI349598, AI500659, AI696626, AI815232, AJ000334, D84273, U79254, AL117583, Y11587, A08916, AL133606, AL050024, AL133093, I89947, I48978, A08913, A08910, I89931, A08909, A93016, AL050277, AL122121, AF113694, U42766, AL122110, I49625, AL050116, AF113676, AF017437, AF113677, Y16645, AF097996, AL117457, U35846, AL122050, X84990, AL133565, AL122093, AL049452, AL133640, AL137648, X98834, AF113013, I48979, AF146568, AL080137, AL080124, AB019565, AF087943, U96683, AL110221, I26207, AF118064, AF090896, AL122123,

	E07361, AF113699, AL133080, AF113691, AF078844, AF090943, AF118070, AL110196, S78214, X72889, E03348, AF113689, AL137550, Y11254, I42402, AR059958, AL133016, S68736, AJ000937, AL049430, AF125949, AL050146, AL050108, AL137527, AF017152, X65873, A03736, I03321, AL137557, AL133560, AF090901, X63574, AF113019, X82434, AL122049, AL137526, AL133568, AJ242859, AF090900, AL117435, AL080060, AL133557, E07108, AL133075, AF158248, AF079765, AF106862, AL080127, AF162270, AL049283, AL049464, AL137459, AL117585, AF090903, AF026124, U78525, AL133113, A65341, U00763, AL137271, AL049314, AF111851, AL117460, L31396, AL050393, L31397, U91329, AL049466, AF091084, AF090934, AL049382, AL137523, Z82022, AL050149, AF113690, E05822, A77033, A77035, I33392, E02349, AF183393, AL137538, AF125948, AL133077, AF177401, AL137521, AL049938, X70685, Y09972, AL096744, AL050138, AL137463, AJ238278, AL117394, A08912, A12297, AF061943, A58524, A58523, I09360, AR000496, U39656, L30117, AL122098, AL117440, X93495, AL137283, AL049300, AF067728, AF118094, AL133072, AL110225, U80742, X96540, U72620, AL080159, Y07905, AJ012755, AL137476, AF104032, AL133014, AR011880, U67958, AF153205, AR038969, AR038854, Z72491, Y14314, AF111112, AF119337, AL133067, E15569, AL050172, AL133098, AL133104, X87582, A90832, AF003737, AL137556, Z37987, S61953, A45787, AL080074, AL137560, A93350, AL122111, AF026816, E04233, I00734, E02221, L19437, M30514, U58996, E00617, E00717, E00778, U68387, AL117432, AF057300, AF057299, E08263, E08264, X62580, AL110197, AL122118, AL137273, AF185576, I17767, AF118090, AF079763, AF111849, E08631, AL137533, AJ006417, AF008439, X83508,

431	HTAHC93	867842	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2695 of SEQ ID NO:431, b is an integer of 15 to 2709, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:431, and where b is greater than or equal to a + 14.</p>	<p>AF067790, AL137478, AF100931, AL117649, A07647, AL137480, U49908, AF132676, AF106827, AF061836, AR013797, E06743, U68233, I92592, AL133081, AF210052, X92070, AF061573, AF081197, AF126247, AL137292, AL080086, AL080158, AA159129</p> <p>AI918107, AA465241, AI828593, AI992164, AI953194, AW167788, AA132522, AA432219, AI826728, AI148029, AA259021, AA992444, AW194287, AI934757, AI765092, AI805113, AW305045, AW305046, AI739526, AL118677, AA812940, AI433078, AI990053, AW025703, AA326663, AI969123, H55994, AW075451, AA132504, AW190195, AA353370, AA299533, AA465597, AW387028, W05215, AW079170, AW364033, R39594, R39669, AA454610, AI613465, AI867236, AA515631, AA258216, AA916168, AA569591, AA612597, AA458534, AA090380, N74306, AW364034, AA092553, AA994233, AA643211, AA001471, F00906, AA078672, AA651673, F04390, AC006449, AL133659, AF075118, U07932, AF100956, AL109985, AC004093, AF109906, AF191577</p> <p>AA057543, AA411460, AI952878, AA702669, AW071838, AW103390, AI916698, AW130318, AA535372, AW206043, AA992806, AA427557, AA680090, AL036080, AA595148, AI968048, AI392865, AI025790, AA496286, AI560657, AA458983, AW241678, AI270725, AI003935, AW204417, AA419217, AW236215, AI933720, AA005226, AW102764, AA779900, AI275738, AW028139, T85330, AA346972, AI801715, R05480, H72246, AA609061, AI250341, AI766731, AI471307, AA411587, AC005923, AL050170</p>
432	HPCRL51	867923	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 725 of SEQ ID NO:432, b is an integer of 15 to 739, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:432, and where b is greater than or equal to a + 14.</p>	<p>AL040869, AA311215, AW182860, AL040043, AI954079, AW001334, W25260, AA323524, AI373179, AA904049, AI699907, AF001434, AF099011,</p>
433	HCRNJ44	868035	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	

434	HFKMJ43	868135	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 839 of SEQ ID NO:433, b is an integer of 15 to 853, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:433, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1084 of SEQ ID NO:434, b is an integer of 15 to 1098, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:434, and where b is greater than or equal to a + 14.</p>	<p>AF173156, AF099186</p> <p>AI076939, AW131143, AI547316, AW084960, AA769108, AW166982, AI922723, AI859425, AI547315, AW190185, AW189314, AI687025, AW103994, AI885578, AW167989, AI971285, AW273318, AI634376, AW103531, AI815064, AI887599, AA613656, AW085668, AI284232, AW272535, AI580226, AI758714, AW102937, AW130895, AI744795, AA485335, AI077344, AI453759, AI660446, AA662083, AA485528, AI673587, AA932540, AI660299, AI680231, AI819676, AI347214, AA769762, AA099852, AW381802, AW381808, AA827002, AW394192, AA974186, AA635998, AI360433, AA515323, AA932698, AI631419, AI475522, AA576781, F20462, N88483, AI884333, AW372362, AI266687, T47132, R54786, AW130809, AI914926, AW085843, C01770, AW392791, T58370, T47131, AA349222, AW173742, AW391615, AI284877, AA974427, AI537745, AW439296, AW392770, F37677, AA317949, T69376, AW050884, AI690506, AI612866, AI282235, AA485371, T58420, AA485492, R54976, AW392430, AA303595, D31427, AA582345, AA569064, AA299677, AA568373, AA349268, AW083669, AW087282, AW075780, AA099975, AW105580, AI915084, T69301, AA335651, AA304122, AI874164, AW166667, AW381330, AA641428, AI814814, T74185, AI422498, AA662119, AI914688, AW364262, AW394256,</p>
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435	HMSFS13	868173	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1164 of SEQ ID NO:435, b is an integer of 15 to 1178, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:435, and where b is greater than or equal to a + 14.</p>	<p>AW387219, AI687588, AI079092, AW394196, AI745502, D28137</p> <p>AA203497, W80594, W78988, AI051174, R10941, AI240722, H47056, R10890, H47128</p>
436	HCRQH59	868224	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 672 of SEQ ID NO:436, b is an integer of 15 to 686, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:436, and where b is greater than or equal to a + 14.</p>	<p>AI005034, AI560993, AW149100, AW207031, AI188497, AW295548, AW250814, AW327945, AI745194, AA922333, AA629893, AA400153, AI027600, W58447, AA813400, AA746206, N80927, W76342, AI139801, AA828177, AA451805, AI682025, AA676942, AW375643, AI279610, AI743371, AI359755, AI276499, AA444123, AA443944, AA196359, AA569017, AI086189, F37015, AA454013, AI089230, AI632987, AI367703, AI338403, AI262825, AI445623, AA767495, AI241535, AW004973, AW009042, AA453635, Z41848, AI094343, F22096, AA923598, AW080667, AA833987, AA441932, N73089, AA548624, F04870, T30813, F10561, AI342923, R37034, R39180, AW058509, AW440500, T35208, T17396, AI720047, AA197182, W58482, AI797280, AA426126, AW363378, T19458, C21530, AA090309, R34367, W74362, AA446271, T61317, AW407104, N71508, AA075086, AA703101, AA383602, AI371957, AA192312, N22129, N91820, AA374751, F24684, AA213591, AA813578, H97310, H43284, C00318, T10425, AA369853, AA349688, AL035405</p> <p>AI056268, AI343372, AI139495, AI027361,</p>
437	HHFJU87	868655	Preferably excluded from the	

438	HFIAU59	869698	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2574 of SEQ ID NO:437, b is an integer of 15 to 2588, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:437, and where b is greater than or equal to a + 14.</p>	<p>AI924719, AA316121, AA708610, AW084101, AI660874, W23031, AA316032, AW087171, AI491951, AA147574, AA044040, AA057458, AA258433, AA258473, AA099664, AI217722, H05694, AI217720, AA447181, AA665778, AA994652, AI401464, AA043987, AA323852, R23442, AA303874, AI206793, AA588294, D83890, AA460097, AA373101, AA603138, H08671, AA328895, AA653915, AW367071, AI439142, AI932561, AA343108, AA248906, AI783947, AA249549, AA249413, AA923343, AL137965, AW008330, AA091278, AI298571, W47605, AI306526, AI216520, AA442219, N56755</p>
			<p>preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3595 of SEQ ID NO:438, b is an integer of 15 to 3609, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:438, and where b is greater than or equal to a + 14.</p>	<p>AI637846, AA887146, AI9233869, AW130105, AI828950, AA706813, AI567142, AA496218, AA504266, AI796787, AL120830, AI768215, AI923290, AA307624, AW265423, AI432594, AA846683, AW023377, AI1149750, AA830707, AI130755, AA831941, AI813474, AA310261, AA493149, AI352195, AI278643, AA418838, AA252591, AA449177, AI432141, AA099899, AW196997, AA748185, AI359815, AA476504, AI680167, AA989123, AI439476, AI740988, AA641927, AI743769, AA102103, AA307883, AI270331, AI660051, AA429154, AI371979, AA418927, AW316913, AA740707, AA811144, AA252204, AL120914, AI358187, AI088116, AA618550, AI005413, AA746019, AA744831, AA251764, AA765289, N22214, AI245654, AI288125, AI521023, AI440049, AI439066, AW020264, AA828338, AA745277, AI041495, AI453701, AA447164, AA428995, AA251920, N64152, AW023222, AI863738, R33968, AA835823, AA488982, AA489057, AA351905, AW021986, AW192667, AA579266, N68141, AA580976, AA830209, C02334, N68217, T39203, AA356883, AA369952, AA193552, AI915727, AA371504, AA443792, AA353796, W07214, T40474,</p>

439	HBKDR59	870190	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2629 of SEQ ID NO:439, b is an integer of 15 to 2643, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:439, and where b is greater than or equal to a + 14.</p>	<p>Z20878, AA508477, AA115114, AA114981, AW197922, AI572933, AA379201, AW265622, Z75331, AJ002636, L08437</p> <p>AW409651, AW001436, AI766185, F24711, F30562, F18895, F33224, F20809, AW290901, AA112814, F30649, F24516, F36239, F32390, F24189, W65464, F20910, F24946, F19577, F27754, AA393845, F21414, F35959, F24144, F19544, AA086252, F31787, F34043, AW136769, AA346256, F01249, AA194339, F34580, W65465, F18803, F24518, AI380655, AA112964, F32973, F24338, AA196236, F25919, AI520948, AW073292, F00875, F37952, AA706041, F22333, AA102288, F30139, F19529, AI873673, F32933, AI580424, F22119, AA176956, AA197011, AW196341, AW393804, AA213963, AA907940, AA179063, F23562, F17271, F34144, F18206, F35373, F32260, F17119, F20182, AA197042, F17627, AA193202, AI984748, F33521, AW003263, F22260, F33351, AI656164, AA211514, F16602, F35945, AA211757, AA179234, F16358, AA112845, W42981, AI126989, W42982, AA179064, F33500, F31725, F36387, F27742, AA321749, F00003, AA178967, AI038202, F23383, AA321748, F31776, AI972778, AA196264, AI365102, AA194347, W21136, F27722, F28315, N93730, F00478, AA194398, H14052, M99223, M12898, M26064, X63009, J04703, X02814, X52496, U96781, Y18063, M25267, AF043106, X15635, J04024, J04022, J04023, AJ223584, AJ131821, M30581, U49394, U49393, AJ131870, X67140, U96780, M15158, U96779, M15351, AF091853, M20532</p> <p>AA280720, AA505108, AA605272, AW269504, AA603315, AI635279, AA582073, AI962030, AA708103, AA584125, M77893, AI311276, AI254779, AA847499, AW148507, AI345891, T54600, AA687730, AA502843, AI821608, AA280427, AA811208,</p>
440	HTHCZ54	870349	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	

		<p>is any integer between 1 to 623 of SEQ ID NO:440, b is an integer of 15 to 637, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:440, and where b is greater than or equal to a + 14.</p>	AA137013, AC004526, AC005879, AC002563, AL022319, AC002352, AC007563, AC005072, Z83843, AC007298, AC004386, AL031584, AP000036, AC002432, AC004491, AL049539, Z84466, Y10196, U85195, AC000353, AC006312, AE000658, AC002565, AL035461, AC004002, Z82190, AL031767, Z83819, AL121754, AL031666, Z83822, U95743, AC005726, AL035684, AL096701, AC007314, AC008064, AL050321, AC003950, AL049709, AL109984, AC003957, Z93783, AC005209, AL133243, AL031058, AC007387, AL132987, AL022345, AC005670, AC005081, AL009172, AC007386, AC009044, AC005859, AC003037, AC004963, Z84469, AC005829, AC006360, AL117338, U95740, AC004554, AC002990, AF001550, AC005197, AC004887, AL008732, AL034419, AC005808, AC005094, AL049780, AC002416, AC007360, AF001548, Z93020, AL139054, AC002302, AC007227, AP000501, AL031273, AC007685, AC006001, AC011422, AC004087, AC006960, AL031283, AF053356, AP000513, AL049776, AC004098, U91321, AP000014, AC007226, AC005082, AC002288, AC007684, AL050318, AC003046, AL121652, AF196972, AC007842, AC007637, AC004805, Z99127, AC003101, Z98949, AC004132, AC007390, AC004032, AC005277, AC002554, AC004216, AC012384, Z99716, AC002349, AC005914, AC007216, AC006121, AC006116, AC005823, AC005071, AB023048, AC008116, AC008372, AF130343, AL049778, AC005048, AC008115, AC000004, AL050350, AL049779, AC006111, AC005015, AL022163, AL021528, AL030996, Z97053, AL035071, AC002470, AC007172, AC004890, AC004876, AF205588, AC003029, AB020866, AL133448, AL031230, AC000025, AC005920, AC002350, AC005933, AC004253, AF015262, AC006317, AL031602, AC008125,
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441	HWABV82	870419	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2581 of SEQ ID NO:441, b is an integer of 15 to 2595, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:441, and where b is greater than or equal to a + 14.</p>	AC006571, AC008009, AL031003, AL022237, AC003684, AL031681, AL035423, AC005972, AF064858, AP000208, AL024507, AP000557, Z97054, AJ229043, AJ010598, AL031848, AL031123, AC006958, Z94056, AP000099, AF109907, AC002400, AC007193, AC005304, AL136295, AC005484, AC005899, AC003003, AL049757, AL133246, AB023049, AP000553, AC004771, AP000011, Z84484, AC005342, AL031224, AC002418, AC002375, AL035555, AP000247, AC000118, M89651, Z81314, AC005004, AL022395, AL133355, AP000692, AC000035, AL022721, AC005837, AC005280, AC004953, AL050332, AC004659, AL022329, AC005031, AC004223, AC005325, AC005778, AL023913, AC006538, AC005088, AC007157, AC005095, AC005049, AL049650, AC004883, AL031297, AL031433, AC009516, AC007384, AC004552, AC004615, AP000130, AC004921, AC011311, U07562, AC002299, Z83844, AC005520, AC005771, AC005102, U29895, AC006064, AC004518, AC004408
				AW131725, AW051778, AI669187, AI423040, AW150328, AI264242, AW249495, AW190050, AW438903, AW338652, AI625770, AA411440, AW051369, AI954048, AI572603, AI884403, AA994684, AI870488, AI816134, AI689595, AI590389, AW157537, AA147092, AW051768, AA865624, AI032419, AI688335, AI553828, AI452805, AA772163, AI758329, AA627389, AA700483, AI554272, AW250260, AI017045, AA557144, AI830027, AA670344, AA431551, AW369367, AW402702, AI936035, AI338886, AW129438, AA576444, AA724592, AA890524, AW369322, AW130853, AI149018, AA770195, AW190197, AI697373, AW369320, AA847288, AW369369, AA847245, AI038158, AA577609,

	AA601940, AW205121, AI141907, AI869702, AA731344, AI128741, AI288581, AA233156, AI366687, AI834242, AW363558, AW406637, AW001981, AI361102, AA857855, AI073592, AA622202, AI093763, AA594450, AW068510, AI538596, AI120386, AA159922, AI123208, AA854132, W48791, AA725251, AA233232, AW390347, AA687609, AI696346, AI858437, AI061262, AI810395, AA983511, AI190304, AA576990, AA722843, AI523184, AI369749, AI120506, AI344375, AW068772, AA977264, AA025994, AA693398, AA305354, AA431097, AI860056, AW058630, AA706704, AA159304, AA633069, AI052053, AW408599, N41444, AI357292, AA305432, AW369383, W81209, AA009433, AA554141, AW369334, AW369372, AW403131, AA226840, W49616, AI206517, AW402978, AI766707, AI354629, AI206804, AA233115, AW082751, D20039, R96149, AA781650, AI906402, AW369378, AA158005, AW176662, AA037067, AI471469, AI214071, AI128438, AW369363, AA243693, AA025935, AA470742, N99045, W38348, AW198136, AI244933, AA152400, AA251742, T63645, AA843429, AI198270, AW387283, AI014806, AA147149, AW387279, AI244494, H05246, AI909741, AA068995, AW363552, H63348, AA873311, AI909742, AA972595, AA723485, N69416, AI750309, AI831979, F11143, AI758210, AA953204, R14402, AA009432, AA130321, N69871, AA937997, AA676328, AW391004, AI834227, C75028, AI375745, AA318159, AA523040, AA359700, AA282110, AW176551, F02163, AI909763, AI221319, R55808, H63268, AW439092, AW376794, AW376722, AA648692, C17923, AW376787, AW376790, AW376808, D58666, H67217, AW376586, AW376634, AA526169, AW376602, AW376608, AW376670, AW376710, AW376766, AW376594, AW376648, AW376723, AW376797, AW376835, AW376556,

442	HACAC44	870522	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1287 of SEQ ID NO:442, b is an integer of 15 to 1301, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:442, and where b is greater than or equal to a + 14.</p>	<p>AW376626, AI648622, AW376669, AW376598, AW376664, AW376793, AW376589, AW376727, AW376742, AA640192, AW381440, AW369361, AW376746, AW376535, AA533573, R96150, AA811996, AA731346, AW376611, AW376673, AW376763, AA101026, F04541, AA340614, AA321525, J05021, X51521, X60671, M98498, AB019790, M69066, AF004811, M86450, X67788, AF187552, AF189213, AF188897, AF188896, AF190059, Z98946, AF199015, A74971, R14107, R34799, R39976, R55893, H24380, H25198, H43742, R83627, N91447, AA027254, AA027255, AA130320, AA282111, AA524127, AA635688, AA092681, C16922, C17290</p> <p>AA732468, AL043018, AI963433, AA622251, AI560190, AI749581, AW362457, AW024461, AW362418, AW362459, AA307460, AA172081, AW238430, AI432197, AI400045, AI348099, AI122666, AI084503, AI097199, AA773420, AI924870, AI683453, AW272288, AI688599, AW151065, AI683437, AW236325, AA127600, AI832424, AI961261, AA191492, AA521001, AI609275, AI539701, AA059128, AI339621, AA164246, W88688, AI940790, AA280189, AI890492, AA971521, AA487487, AA113967, AI796636, AA113975, AI093771, AI565099, AI300916, AA828550, AW024650, C75515, AI127502, AA583210, AI356105, N69680, AA155887, AA425071, AI082618, AW379685, AI700320, AA490212, AI082422, AW024237, AA311880, AI391733, W25209, AA503796, AA826830, AW004688, AA234784, AW029114, AA533723, AI333989, AA765216, AI640715, AI140928, AA233104, AA488627, AA773596, AA410203, AW276104, AA121490, AA076138, AA243663, N55366, AA843816, AA487701, AW238392, AI589674, AW082650, AI703364, AI393774, AI678005, AW129343, AI351973, AA186694,</p>
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	AA631585, N77372, AW264693, AI708579, AA828168, AI253752, AA713617, AI241364, W88674, AA856622, AW339674, AI468454, AA761035, AI333948, AA608978, AA443223, AA121713, AI206558, AA602373, AI689903, AA315934, AA410202, AA885774, AW166954, AI354371, AA136561, AA609596, AI399856, AA644641, AA234716, AA961145, N95265, AA157306, AA769568, W30735, AW366445, T32410, AA076477, AW005205, AA749169, AA076366, AA886604, AI364350, AA443186, AI676079, AA477998, AW173591, N77197, AA610283, AA160755, AA486003, AA172058, AI498678, AI525518, AI469612, AA088329, AI091940, D53760, AA263044, AI274460, AI274131, N98217, AW401383, AA804255, AA364669, H24015, H47488, W99326, H67134, AW366443, AI688781, AI337543, Z25111, H81437, T32288, AA506289, R05982, AA291673, AI080264, AA932552, AI630479, AI864043, AI141097, AA169887, R49573, AI802015, AA129546, AA716523, AA235675, AA852685, T57818, AI554824, H72387, W99368, C04264, F00249, AW196727, AA322105, AA383944, AA830133, AA307781, AW015462, AA065104, C15726, AW236193, AA773340, AA236891, AA169574, AW007217, AI693662, AI383858, AI799525, AI459817, AA876959, AW273655, AA565893, AA064854, AI634280, H10400, AA665643, W04304, AA782912, AA076178, AA887175, AA352861, AA296629, AA887148, AI471562, AA367055, R81881, AW205111, AI630377, AA253256, AW392331, AA677481, D53759, AA342591, AA759048, AW243664, H10608, AI344490, AA626582, AI458916, AI630327, AW419306, AA088330, T16764, AA155839, AA922958, AW300747, AA281564, AF054174, AF058445, AF044286, AF041483, U79139, M99065, AF171080, AF123312, AF171081, T82377, AA083755, AA112072, AA190752, AA913216, AA968487,



443	HDTLE81	870896	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 675 of SEQ ID NO:443, b is an integer of 15 to 689, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:443, and where b is greater than or equal to a + 14.</p>	<p>AA653986, AA477999, AA773883 AA313716, N57369, AA295283, AL133355</p>
444	HSWBU77	871071	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 381 of SEQ ID NO:444, b is an integer of 15 to 395, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:444, and where b is greater than or equal to a + 14.</p>	<p>AW401754, N51433, N52178, AI160836, AI150956, AI380317, AW005566, AI201735, M78012, AI636693, AI221560, AI189814, AI269161, AW404116, AI832378, AI783604, R71999, AI914007, AW275795, N80554, AI718609, AI718645, T36255, AW001003, AI206919, F18021, AI141711, AA450045, AA922786, F30202, AI056913, AA707747, AI185990, AI627222, W19286, AA224759, AI863594, AI890468, AW189371, AI743409, AW169124, AA226254, AI049994, AI913167, AI095206, AL079447, AI025355, AI251360, AW148964, AA879022, AA425283, AW085751, AA352518, N98622, AA659190, AI084648, AA180815, AI557808, AI360368, AA399333, N99919, AI859618, AI114543, AI057560, AI267285, AA604323, AL047306, AI907506, AW168734, AI446424, AI445793, AL041375, AA769530, AI880770, AI086603, AI039440, AI433952, AI818921, AI754064, AI917658, N68677, AA167178, AW022704, AA513196, AA326398, AI754926, U95739, AC005081, AP000260, AC005829, AP000036, AC002316, AC005562, AP000099, AL049557, AL132985, AP000359, AC007225, AC007172, AL133243, AC004686, AC007425, AP000213,</p>

	AP000135, AC005696, AP000031, Z83840, AL049539, AL022724, AF030453, AC005516, AL121934, AL031433, AC004448, AC005088, AC006120, AC003029, AL021878, AL022723, AC003663, Z97634, AF205588, AC004069, AC003101, AC007073, U47924, AC006511, AC006241, AL133448, AC007666, U91326, AC004797, AC005695, AF130247, AP000350, AC005412, AC002430, AC004099, AL109827, AC006353, AC005225, AC007384, AC003688, AC004019, AL008582, AC000052, AC006211, AL031681, AC005911, AF047825, AC002558, AC007917, AC010200, AP000553, Z82198, AL022326, AC002059, AC007221, AC004520, Z82206, AP000547, AL035454, U52112, AL021918, AC004883, AC002394, L44140, AL031651, AF196779, AC005279, AC002997, AL079305, AC005037, AC006449, U91327, AC005372, AC003010, Z82244, U66059, AF184110, AC005684, AC004685, AC003109, AL022318, AC007292, AL022327, AF207550, AC007277, AP000208, AP000130, AL049553, AL117340, AC006112, AL021707, AL035420, Z83844, AP000247, AL121915, AL135879, AL121790, AL031721, AC006023, AL031281, AL034379, AC007012, AL132642, AL035398, AC005480, AL050321, AL049757, AC005790, AC005018, AC004804, AF057140, AC008040, AL096701, AC004884, AC004213, AC004859, AC002472, AC007676, AC006057, AL132712, Z82208, AC006597, AC004231, AL035411, AC007055, Z93931, AC007686, AC005899, AC006059, AC004752, AL034548, U73647, AC007157, Z98304, AC007993, AL032821, L48038, AC004148, AC002289, AC005180, AC007298, AC004659, AC002996, AC005206, AC003950, AC005212, AC007878, AC020663, U91323, AC007371, AF124523, AP000689, AL020997, AC002565, AL021391, AC004908, AC006064, AL031311, AP000503, AC007021,

445	HWACJ61	871225	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1544 of SEQ ID NO:445, b is an integer of 15 to 1558, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:445, and where b is greater than or equal to a + 14.</p>	<p>AC006441, AC007537, AC005365, AC005215, D84394, AC002504, U63630, AL031775, AL023584, AC005358, AF111168, AC006111, AR036572, U91328, AL035407, AC004837, AC012085, AC005667, AB003151, AF134726, AL031767, AL035455</p> <p>AI913998, AA128064, AA480228, AW440835, AI336571, AW299768, AI906358, AI906367, AA326115, W68756, AI207161, AL048182, AA552921, AA932082, AA622156, AF080158, AR067807, AF031416, AF088910, AF026524, AF115282</p>
446	HKLSC04	871428	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3071 of SEQ ID NO:446, b is an integer of 15 to 3085, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:446, and where b is greater than or equal to a + 14.</p>	<p>AA701667, AI435854, AA811453, AI268375, AA741050, N68502, AA748037, AI809498, N40363, AA731507, AI806279, AF150208, AI082190, AI244194, AA946684, AA825325, AA946679, AW292592, AI832023, AA608679, AA287961, AW117937, AA280917, W44635, AA743100, AA911245, AW151588, AA286954, T75259, AI952240, AA977013, C14333, AI762840, AI370846, R88105, AA441979, AW376287, N48804, AI458457, AW241912, W44586, D81095, AA506419, C14239, N27548, AA878217, AI735679, AA767790, AA721375, AA995689, R97283, F13495, AA470494, AI799114, AA057788, AI417709, AA904355, AI128599, AI557555, D59635, AA047606, AI218107, AA527592, F10488, AA364204, D80152, H54332, AI760595, AI074719, AW080845, H54122, AI694001, AI718622, N87996, H21903, AI382742, N45595, H45479, AW019947, AA743131, T93311, AA807044, AA492324, AA729134, D80364, AA005207, D59993, AI832370, AW302371, H65224, AI423823,</p>

447	HCRPM84	871498	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1903 of SEQ ID NO:447, b is an integer of 15 to 1917, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:447, and where b is greater than or equal to a + 14.</p>	AA908689, AI719952, C02342, AA923093, T93988, AA005208, N22641, AA688340, C14240, AA470961, R97047, AW183246, D80151, AA587961, AA688339, D81228, AA156735, AA625352, H21782, AI909028, H45478, AI610412, AW295861, AA045905, AW193243, T63765, H21691, AA490197, AW237053, I95754, AA629148 AA614743, AA315930, AW327829, AW327869, AA838465, AA028992, AI028728, AW014945, AI619612, AA182764, AI675491, AA927929, AA030010, AA368382, AA993714, AA236575, AA234605, AA448866, AA460089, AW014951, AA430225, AF151908
448	HLHGG41	871732	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 932 of SEQ ID NO:448, b is an integer of 15 to 946, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:448, and where b is greater than or equal to a + 14.</p>	AI435382, AI149854, AA747434, AA410696, AA130455, AA669118, AI954884, AA776480, AI220980, AA281474, AA182634, AW410911, AW410948, AI127902, AW410464, AI922064, AI866551, N29646, AA919157, AA058503, AA135645, R01159, AA991193, R10880, AI095663, AI147358, AA886215, AI130958, AA622039, AA593877, AI199828, AA534396, AI075283, AI138468, AA632319, AI129513, AA516111, AI636835, AA101571, AA574071, AA532871, R08363, W81083, R05769, AA190784, H95250, W80980, AA608850, R10929, AA151035, AI219126, AA235490, H95261, AI247268, AA490668, AA054462, AA487878, AI142364, AF038957, AF068117, AF047695, U01137, AF068116 AW188092, AI743960, AW019908, AI743675, AI554932, AW130209, AI400570, AI873626,
449	HWLNH36	871756	<p>Preferably excluded from the present invention are one or more</p>	

450	HKAAC09	871821	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1176 of SEQ ID NO:449, b is an integer of 15 to 1190, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:449, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 901 of SEQ ID NO:450, b is an integer of 15 to 915, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:450, and where b is greater than or equal to a + 14.</p>	<p>AI635163, AA630087, AA773835, AI745307, AI681992, AI769214, AI452846, N26651, AI942419, AA931054, AW020889, AA330667, AA199908, AI080379, N50936, AW051252, AA774703, AA371288, T55202, C18915, AI183818, R23104, AW029363, C16828, R63546, R63500, C18924, D78829, AW023362, H42585, H52313, N79874, AI560593, AI445518, AA773693, R58570, AI873772, AC006501</p>
451	HLHAR50	872327	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1848 of SEQ ID NO:451, b is an integer of</p>	<p>AI347928, AW162145, AI826327, AA716088, AI184237, AI221566, AI380301, AW162264, AI827001, AI738731, AI214206, AA778211, AA906997, AA309127, AW250315, AA662918, AA948191, AA132478, AA205866, AI291182, W58281, AW247709, AI879612, AI369761, W58282, AI493532, AW271688, AA215359, AA219692, AA113943, AW247263, AI357687, AA486007, AA026482, AA216703, AA223598, AA132567, AI936143, AA227341, AA181792, AI457253, AA206169, AI203342, AI206171, AA862491, AA459453, AA223374, AW160761, H83366, AA223240, AI541341, R27894, AW160535, AA088771, AW248039, AW370950, AA216698, AW370982, AA642560, AA034208, AA216670, AI918853, AA218599, AW403164, R27802, AI695455, AA121619, AA101550, AA196719, AA205783, AI879230, W21295, AA220914, H83713, AI200082, AI834288, AA554247, AA223124, AA205631, AI583365, AA026321, U64033, AC008055, AW263849, AI302362, AI750848, W63796, AA378447, T79005, AA310337, AA304273, AA152264, AI146404, AA056005, AA359249, AI659163, N46657, AI671309, H87391, AA358696, AF146793</p>

452	HSKJB43	872354	<p>15 to 1862, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:451, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 786 of SEQ ID NO:452, b is an integer of 15 to 800, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:452, and where b is greater than or equal to a + 14.</p>	<p>H08008, AA557825, N46310, N78001, W40214, AA249780, AI888301, H81476, T82657, AA557753, AW393136, AW451242, AI742939, AW051293, AA682604, AB011149, D78303, E13890, AF144731, E13891</p>
453	HNSMB24	872535	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2092 of SEQ ID NO:453, b is an integer of 15 to 2106, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:453, and where b is greater than or equal to a + 14.</p>	<p>AA534591, AW104113, AA922301, AA528179, AI978874, AI251446, AW193752, AI686794, AI469095, AA883068, AI865738, AI733856, AA410788, AI755214, AA847499, AI754567, AI754105, AA832145, AI683116, AA228778, AI923052, AA225406, AW328331, AI056177, AI249688, AI609972, AW419389, AW023111, AL135377, AI457597, AI017251, AI669421, AA176978, AI697425, AA704393, AA630854, AI693979, AA579152, AW272294, AA524616, AA644090, AL079734, AL118925, AW131356, AA610433, AA503019, AA535216, AI687343, AI038304, AI049955, AA584484, AI635028, AA536040, AA456924, AI537800, AI049630, AA568314, AA176604, AA169245, AW265688, AA583386, AI887235, AI792464, AI569100, AI446452, AW327624, AW192599, AA721645, AI923451, AW148507, AA838091, AA809125, AI311647, AI793172, AI793209, AI141130,</p>

	AL043105, AA579130, AI345695, AA572813, AA127222, AI080307, AA601278, AA772906, AI380617, AI696955, AA773463, AA177011, AI755202, AW237905, AI612142, AI627614, AI160786, AI066646, AI119691, AI452836, AA601356, AI350211, AI923458, AL037714, AA493708, W96522, AI053784, AA737309, AI078409, AA720774, AI613280, AI279417, AA772704, AI683513, AA558404, AC005225, AL035450, AC002558, AC006480, AC004883, AC005081, AC003071, AL035587, AL031311, AL049758, AC002492, AC005409, Z86090, AC002504, AL022165, AF113694, AC005088, AI109967, AC005953, AC006115, AL121603, AC004383, AC007011, AL022319, AC005519, AL035420, AF124523, AP000045, AC007225, AC005015, AC003689, Z82206, L44140, AC005231, AC007055, AC005962, AC005562, AP000557, L78810, AL049694, AC007216, AC004673, AL035405, AL050318, AF134726, AC016830, AC007172, AC006441, Z83844, AC005520, AL031680, Z93017, AC004797, AC006088, AF030453, AL080317, AC007277, AC005726, AL078638, AC005243, AL035460, AC006965, AL049749, AL022315, AP000144, AC005500, U91319, AC005295, AC005399, AC006141, AC005291, AC007191, AP000952, AL096678, AC005668, AP000208, AL049757, AC005527, Z98884, AC005670, Z84466, AC005514, AL021155, AC007298, AC005821, AC007637, AC006530, AL133216, AP000247, AC007193, AC006449, Z83733, AC004686, AC005740, AC007731, AF001548, AC007546, AC004125, AC006287, AC004996, AC005102, AL031228, AC007536, AC005207, AC005696, AC004079, AJ003147, X87344, AC004859, AC005971, AC003070, AL049843, AF042090, AC005940, AC002326, Z98745, U96629, AF196779, AC006077, AP000152, AR036572,

454	HAIJAN23	872551	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2274 of SEQ ID NO:454, b is an integer of</p>	AC006285, U51244, AC006511, AC004821, AL049636, AF045555, AP000503, AC000025, AC006121, AC012384, AC007676, AL020993, AC002310, AC004987, AC002456, AC007774, Z98304, AL033527, AC002350, AC002551, AC002073, AC006111, AP000113, U91325, U62317, AL022318, AC007283, AL133448, AC004834, AL031283, AC006023, Z97054, L47234, AL022476, AL021453, Z99128, AL021393, AC005663, AL020997, AL133163, AC004551, AC006211, AC004655, AL022723, AC004815, U80017, AC004491, AL031729, AC005060, AC006942, AP000065, AL035659, AF118808, AC004019, AC007686, X55448, AC008372, AL009031, AL035697, AC005529, AC004832, AC006139, AC006241, Z68870, AC003690, Z99297, AL022238, AF146367, AL078593, AC004878, AC005048, AC008041, AC005736, AC006328, Z98742, AL049830, AF205588, AL035249, AC003029, AL031281, AL117329, AC000385, AP000547, AC005330, AC000111, AP000240, AC006501, AC005031, AC002369, AL021918, AP000130, AL035407, AC005089, AC006059, AL121820, AC003950, AC004408, AC008115, Z95115, AC002302, AC006430, AC007993, AC004975, AL109798, AP000338, AF091512, AC006117, AP000347, AP000193, AC005695, AC005332, AL049643, AC002059, AL049869, AF031078, AC004905, AC016025, AL122020, AL031846, AP000216, AL021391, AF148461, AL109627, AC005778, AL031295, AC004227, AC005175, AF053356, AI949422, AI423046, N31952, AA465612, AI564487, AW195192, R88931, AA658285, AI740792, AA641596, AA313322, AW418507, AI949987, AW194161, AI869038, AW274192, AW301409, AW071349, AL038605, AW303152, AL121365, AI702406, AW243485, AL040243, AL135661, AI868831, AI608667, AI687728, AW162071, AI440239,
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<p>15 to 2288, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:454, and where b is greater than or equal to a + 14.</p>	<p>AI433157, AI440426, AL119748, AL036146, AL047763, AL047042, AL046849, AI349772, AI340582, AI857296, AI818683, AI433976, AL121270, AI349645, AW071417, AI635461, AL045500, AI436456, AI863014, AI475371, AI500077, AI538716, AI064830, AI567351, AW074993, AI521012, AW268253, AI312152, AW117882, R89611, AI349937, AI281779, AL036980, AI469532, AW089572, AI697137, AI815383, AW103371, AI349004, AI250293, AL036802, AI568870, AI564719, AI934036, AI679724, AI540832, AL036396, AI866608, AI345735, AI349933, AI873731, AI625079, AI580190, AI207510, AL119791, AL119049, AI249257, AI282655, AI690751, AW169653, AI343112, AI673256, AI349256, AI687376, AI499393, AL040169, AI686926, AI251485, AI699857, AW238730, AI597918, AI445432, AI439745, AW195957, AI499131, AI439087, AI920968, AI678302, AI275175, AI633419, AI446606, AI285735, AI802542, AI497733, AI631107, AI889203, AW068845, AI590128, AI758437, AI969601, AL120854, AI610307, AI609592, AI583316, AI500553, AW104724, AW148320, AI620284, AI866780, AI687415, AI609580, AI636456, AI919058, AA640779, AL121463, AA613907, AL036759, AL120736, AI690835, AI635942, AI568854, AI567632, AI597750, AI696398, AA572758, AI906328, AI366549, AI671679, AI800453, AW166645, AI498579, AW080838, AI753683, AI349614, AI696846, AL038778, AL036240, AI348897, AI224992, AI281773, AI680113, AI874109, AI613017, AI349598, AI952114, AA585422, AI800433, AI340519, AI969567, AI702433, AI907070, AI475134, AL036274, AI539771, AI811863,</p>
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	AW235035, AI889839, AI800411, AI687362, AI921379, AI307466, AI366991, AI612913, AI499463, AW301300, AI434281, AL038779, AI345131, AI862142, AI866002, AW167776, AA508692, AI568855, AL047041, AL036260, AI270055, AW302965, AI445025, AI628205, AW074869, AI334902, AI818206, AW026882, AI269696, AI813914, AW132121, AI909666, AL043326, AI492540, AW087445, AI909662, AI561254, AI536685, AL036247, AI866887, AI610645, AI345744, AI271786, AL048871, AI799305, AI343059, AI500659, AL044207, AI349226, AI687375, AI682841, AW183130, AI569616, AI687127, AI471712, AI811353, AI620868, AI619502, AW166970, AW075351, AI859733, AL121014, AI309401, AI345860, AI907061, AI493248, AI624859, AI312542, AI274541, AI149592, AI281762, AI862144, AI580984, AL119828, AL079298, I48979, AF090900, AL110221, AL117460, AL049452, AF113694, Y11587, AF090901, AF090903, AL133016, AF113013, AF078844, AF113690, AJ242859, AF090943, AF125949, I89947, AF113691, AF090934, AL133640, S78214, L31396, L31397, AF118070, AL050393, AF104032, AL133606, AL080060, AL110196, A93016, AL050146, AF118064, S68736, AL117457, AF113676, AL137527, AL049938, AR059958, AL050149, AL133075, AF113689, AL050116, U42766, X84990, AL122093, AF106862, I89931, A08916, AF090896, AL050108, AL122050, AB019565, AF113677, AL133557, A08913, AL049466, AL049314, AF113019, AL096744, AF017152, AL080124, AL137283, AL133093, AL133080, AJ000937, I48978, AL080137, E03348, AL050277, AF158248, Y16645, AL137459, AF113699, AF111851, AR011880, AL137557, AL122121, AL133565, AF125948, Y11254, X63574,

				AL049430, A65341, AL122123, AF097996, E07361, AF146568, AF091084, U91329, AF177401, AL117394, AL050138, X82434, AL110225, AF079765, AL133560, AF017437, AL117435, U00763, AL137550, I49625, AL117583, Z82022, AJ238278, AL049464, AL117585, AL049382, E02349, E07108, S61953, AL050024, A08910, A77033, A77035, AL049300, AL122110, X72889, AL137271, A58524, A58523, X70685, A08912, I33392, A03736, AF118094, AF067728, AL122098, AF183393, E05822, A08909, AL133113, AL137538, AL049283, A12297, AF061943, AL137648, X96540, AL137463, I03321, U80742, X65873, AL137533, AC006371, AL137521, X98834, X93495, AF091512, AL137523, U35846, AC007390, AF087943, AL110197, U72620, AL080159, AL080127, I09360, AC002467, AC004690, AL096776, AF111112, U67958, L13297, AC006336, Y09972, AL137476, I42402, A93350, I26207, AR013797, Z37987, AL133568, AL137560, AF119337, AL133104, I00734, AF026816, E08263, E08264, I66342, E00617, E00717, E00778, AJ012755, AF153205, AL133098, AC004093, E15569, I17767, AF026124, AF000145, AL133072, AR000496, U39656, M30514, AL078630, AL122049, AC007172, A07647, AC006840, AL122111, AF057300, AF057299, AF061981, AL050172, AF079763, X83508, AL035067, AL133077, AL133014, AF032666, A08911, AL110280, AL137526, Z72491, AF210052, Y14314, AF003737, AF106827, U01145, U68233, I92592, AF100931, AC004686, AC007392
455	HWBAP55	872640	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2347 of SEQ ID NO:455, b is an integer of	AA121934, AA476680, R60365, H08097, AW205892, AL045556, AA113836, N41973, AA446797, AA084463, AA322549, AI557287, AA290797, AI890579, AI433416, AI338673, AI693897, AW271519, AW168746, AI810132, AI126277, AW183977, AA609171, AI275470, AI801082, AI332730, AA115640, AI082040, AI123654, N33256, AA725714,

456	HE21026	872655	15 to 2361, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:455, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 943 of SEQ ID NO:456, b is an integer of 15 to 957, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:456, and where b is greater than or equal to a + 14.	AA432112, AW302562, AA868849, AI439363, AI143642, W56777, AA921899, AI978704, AI806769, AB011118  AA774247, AA854167, AI805560, AI809094, AI435792, R32283, AI805377, AA424984, AI201302, AA496005, AI272119, AI689410, AI087276, AI432665, AA808128, AI217149, AI432925, AA886713, R32295, W90075, R67703, H43148, W90193, AW241343, R53752, AA582409, H42383, AA001927, AI698619, AA846430, AA358327, AA307239, R53753, R66100, AA743679, R32338, R32329, AA358326, AI400677, AI289490, AI061323, AF055470
457	HEGAK44	872802	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 909 of SEQ ID NO:457, b is an integer of 15 to 923, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:457, and where b is greater than or equal to a + 14.	AI290719, AI291944, AA805765, AA805772, AI041370, AA641820, AA443285, AI094486, AW016500, AI824161, AI800755, R77005, AI804547, AA831888, AA351612, R90900, AI868814, N67801, AI025758, AA385970, AA725760, N20006, AA587003, AA321819, AA336510, AA743304, AA782472, AA709276, H28173, AF091088
458	HOGCK09	872852	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3044 of SEQ ID NO:458, b is an integer of	AA628971, AA583342, AI819853, W72055, AI887350, AW069598, AA928346, AI669446, AW264574, AI245982, AA828393, AW305033, N57490, AI276045, AI399953, AI478692, AW130656, AW131233, AA204669, AA167004, AW131635, AW268530, AA253240, AA169501, W76249, AI201294, AA236320, AW276504, N68244, AA653293, W05834, AI082346,

459	HE9FH03	873299	<p>15 to 3058, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:458, and where b is greater than or equal to a + 14.</p>	<p>AW270411, AA491296, AI431699, AW196819, AI752836, AA171704, AA890295, AI081318, AA909042, AI061332, AI336386, AI373431, AI262352, AA683296, AI253535, AA248297, AI831015, AW243718, AI753129, AI128087, AI584003, AA559882, AA846151, AI969795, AW316619, AI369009, AI379246, AI942247, AI302629, AW156938, AI348676, AW023413, AI082427, AA171628, AI769759, AW073259, AI400534, D29081, AW130662, AA525386, AA722978, AI246205, D60770, AA961110, AI823883, AA287414, D59894, R77605, AI433493, AA720906, AA463439, AA463506, F11830, AI253623, AI971866, N77877, T65506, AW192204, R46595, AA397433, R57190, AI924613, AA989368, Z36865, D61228, AA814299, R24070, T65426, T08496, T15472, AA293843, C13978, AI265964, H43755, AW020937, D54040, AA385423, AW364171, AI749288, AA130042, AA855107, AA287499, AA327416, R21704, R24122, AI378942, N47636, AA333318, D56344, AA328903, AW380839, C15578, AA482163, AW380800, AA362809, T16609, AA463555, F09478, AA743313, AA402444, AA834097, AA361203, AA485208, AA650077, AA658584, R77606, AA720957, AW362795</p> <p>AA860263, AA480299, AW069296, AA446324, AA599825, AA490172, AW029524, AI755125, AI096788, AI754766, AW172689, AI989623, AW069409, AA774030, AI801341, AI955553, AI860571, AI077912, AW338077, AI092361, AI752441, AW303759, AW057654, AW068877, AI571507, AW337248, AI754375, AA513007, AI755165, AA789057, AW188962, AW438741, AI913204, AI669869, AI829344, AI829353, AI935898, AA872952, AI818582, AW022751, AI951160, AA564681, AI567732, AI634884, AW019909, AI583178, AI971623, AA666136,</p>
				<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 541 of SEQ ID NO:459, b is an integer of 15 to 555, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:459, and where b is greater than or equal to a + 14.</p>

	AI336224, AI754743, AI672201, AI922779, AA476933, AW242277, AW069175, AI801453, AA603177, AW069076, AI754113, N25584, AI754595, AL039514, AI569955, AW151621, AA599432, AA599421, AI801456, AI096348, AI376912, AI754485, N34795, AA679349, AI801410, AA599388, AA664468, AI473965, AA621677, AI457138, AI955867, N32845, AI814833, AA506630, AI953919, AI141442, AW190939, AI753632, AA704076, AI590418, AI435232, AI755189, AI814177, AA714292, AL049060, AA398214, AI623906, AI832542, AW192381, AI074234, AW192094, AI619763, AA847448, AI192629, N64585, AW338294, AI752700, AW190031, AI559274, AI991757, AI285575, AI803951, AI097511, AI185074, AI123099, AA604642, AI969429, AA948022, AI963435, AW073859, AI753481, AI871823, AI983991, AW339033, AW192846, AW068758, AI270294, AW339130, AA668164, AI753501, AW104448, AW069261, AI582548, N67440, AA704000, AA664477, AI862345, AA872884, AW023155, AI753881, AI921202, AI755233, N94497, AI889738, AA599518, AA668157, AI584068, W95877, AA599853, AI636393, AI677637, AA399230, AW173316, AI452935, AW020043, AW069257, AW007272, AI920883, AI634960, AW043675, AI683926, AI924122, AI042248, AI520725, AI610692, AA670236, AI440182, AA669986, AI521379, AA916597, AI360651, AA788939, N68121, AA928581, N67595, AA600706, AW020009, AI445464, AI453496, AA780838, N67969, AW242188, N68023, AW020134, AW074680, AI752771, AI989430, N22402, AI961649, AI128916, AW337180, AI263257, AI955544, AI052531, AW339166, AI755130, AI224941, N75546, AW020772, AW022916, AI266565, AW022830, AW020673, AI537166, AI983633, AI752211, N67468,

460	HWLUI05	873633	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 598 of SEQ ID NO:460, b is an integer of 15 to 612, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:460, and where b is greater than or equal to a + 14.</p>	<p>AW025810, AI916358, AA583656, AL040998, AA788947, AI753110, AI754915, AW022785, AI924574, AI620752, AA971881, AI359095, AI000924, N22105, AW068979, AI352594, AI682770, AW069522, AW068314, AA178981, N75605, AW069206, N69036, AI754101, AW069776, AI301742, AW192130, AI754272, AI961907, AW023276, N66772, N70845, AI697004, AI075736, AA953597, AI356602, AI640697, N69320, AI750841, N66723, N66359, AI582438, AI147172, R35217, N68114, K01078, Z74616, J03464, AF004877, AC002528</p> <p>AI026839, AW411245, AI891128, AI872328, AA665172, AA890493, AW129756, AW245634, AI684157, AI859338, AW189855, AI568908, AI608787, AI680416, AI758809, AI857850, AI674888, AI924833, AW305120, AI913190, AI634740, AW440303, AI628534, AI684009, AW192925, AW411545, AI986418, AI816277, AI750077, AW131652, AA587110, AW245948, AI888179, AA664798, AI830196, AI471661, AW088692, AW081939, AW027195, AI431456, AW105418, AW316666, AA573764, AA548189, AI469080, AI138390, AI554291, AW172874, AI635820, AI744780, AI956028, AA773571, AW131663, AA584414, AI823724, AW102954, AI887325, AA643103, AW272580, AI564162, AI625713, AA904107, AI735226, AI189797, AI921421, AA451930, AA548978, AI434180, AW189859, AA573828, AI567285, AW166192, AI979255, AW338989, AI749226, AA477279, AI982848, AI254356, AA594939, AA876522, AA604293, AA868757, AW026875, AI857785, AI830031, AI697117, AI610880, AI805773, AI612873, AI687193, AW169125, AW316645, AI890475, AI891076, AI955336, AW273336, AI474089, AW001306, AW057689, AW193986,</p>
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	AW057817, AI912857, AI859976, AI458828, AI691018, AA599274, AI890065, AI796644, AI890735, AI686840, AA551342, AI951747, AW084001, AI858349, AI560824, AA838583, AI581152, AA188171, AI913206, AI687445, AW150081, AW130915, AA809140, AI982735, AW405990, AI697444, AA641674, AA857361, AW057682, AA523302, AI564744, AI188309, AA552651, AI002778, AI439273, AA075527, AW262628, AI041364, AI984754, AA593772, AI880734, AI801310, AA478393, AW197053, AA496892, AA205936, AA875856, AA829548, AI862708, AI610626, AW304424, AA488394, AA593776, AA595662, N63814, AA630736, AW242199, AA167275, AI683240, AW246774, AA603306, AA670036, AA548223, AA644580, AA614601, AI754745, AI332307, AA968683, AI690396, AI570953, AW191952, AA635552, AI001146, AA837949, AI357220, AA532757, AA600788, AA532721, AA888941, AA618618, AA877939, AI951447, AW104844, AI499096, AI805754, AI433212, AI284439, AA947024, AA583292, AA857081, AA737888, AA757823, AI283356, AI249815, AA523205, AA844175, AI697182, AA913217, AI246540, AA312021, AI349406, AW071038, AW169611, AI612766, AI811681, AA968644, AA523109, AI597565, AA888951, AI568242, AI041664, AW103978, AI027402, AI708239, AA633557, AA845878, AA527229, AI284482, AA640760, AI439316, AA745099, AA586990, AA730739, AI034320, AA936022, AA987723, AI284666, AI720193, AI521326, AA578404, AW392019, F31225, AA149625, AA484052, AA583334, AA490171, AI440194, AI963513, F26002, AA807874, AA847300, AA947207, AI126555, AA827579, AI889188, AW236351, AA846067,



461	HCEVS38	874164	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 868 of SEQ ID NO:461, b is an integer of 15 to 882, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:461, and where b is greater than or equal to a + 14.</p>	AA912479, AW191010, AA652089, M24194, Z33879, I21243, U03390, AJ132860, X75313, D29802, AF146043, M24193, AF025331, AF025330, A95274, A95300, I21248, I21247 AA255699, AI885808, AI188633, AW328314, AW361971, N40134, N42726, AA477809, AA865298, R67144, AA477088, AI192291, AA459424, AA434314, R80171, AA325547, AA405552, W04243, W57649, R07949, T63684, AI342717, H53212, AI955648, AA333808, AI828658, H23811, R22603, R81080, H38711, R78822, AW388174, AI884866, R74240, W85786, N32512, AA019982, N70297, T73669, AA135915, AI972675, AI570547, AI376181, AI283034, AW071718, AA975286, AI682097, AA552354, AI635434, T63360, AI498906, AA299231, AA700300, AW391439, N30364, AI291732, T95979, W79750, AA856989, AW409874, AA669858, AA491397, AA121478, AA019983, AA526398, AI278688, AA853328, AA262661, AW081274, AA722169, AA612637, AI089602, AW167516, R10676, AI208807, AA127610, T60656, H43071, AI016224, AW388175, AA156738, AA781277, AA985104, AW176072, AA122365, C00225, AA219271, AW072145, AI350490, AA595140, AA953943, AI275069, T95882, AA127513, H41247, H53105, R79317, N41696, AA579789, AA534037, AA375841, AA375981, AA375728, W81403, AW050895, R10677, AW083486, AA046378, AA854623, AI566541, AA568371, AA806824, AA838699, AI222557, AI890778, N47040, AA887642, AI969502, AA825983, AA683113, R07892, AW162991, AI085137, AI147153, R69860, AW300924, AI205997, R22604, AI349315, R66410, AI125503, AA654109, AI287633, AA368313, AW166548, AA476410, AA405561, AI871845, AI014775, AI446652, AI825000, AI567841, AA568550, AA612880, AA461116, AW196156, AR029284
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462	HE2BS79	874307	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 719 of SEQ ID NO:462, b is an integer of 15 to 733, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:462, and where b is greater than or equal to a + 14.</p>	<p>R77879, AA127382, AI810767, AI127392, AA127383, AI920982, AW080096, AI692923, AI243446, AI277951, R24113, AW014036, AA992633, HI7260, AI431625, CI4594</p>
463	HHMMBS 4	874308	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 560 of SEQ ID NO:463, b is an integer of 15 to 574, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:463, and where b is greater than or equal to a + 14.</p>	<p>AA010644, F37343, F27442, AA643008, AA011253, AC005006</p>
464	HKABZ52	874309	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 677 of SEQ ID NO:464, b is an integer of 15 to 691, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:464, and where b is greater than or equal to a + 14.</p>	<p>C04051, AA315759, T80089, T16830, R14772, AW247403</p>

465	HCROJ11	874310	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 246 of SEQ ID NO:465, b is an integer of 15 to 260, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:465, and where b is greater than or equal to a + 14.</p>	AF088219, AL049734	
466	HWLJP34	874320	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 837 of SEQ ID NO:466, b is an integer of 15 to 851, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:466, and where b is greater than or equal to a + 14.</p>	AI831851, AW084544, AI347175, AI832159, AW083513, AW070385, AI675951, AI660499, AI269488, AI393273, AI739586, AI935546, AI431662, AI376466, AI335932, AI375749, AI080243, AI738791, AI379561, AI242668	
467	HSYDL64	874325	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 489 of SEQ ID NO:467, b is an integer of 15 to 503, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:467, and where b is greater than or equal to a + 14.</p>	T87033, T82118, T27177	

468	HCEIG78	874327	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1891 of SEQ ID NO:468, b is an integer of 15 to 1905, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:468, and where b is greater than or equal to a + 14.</p>	<p>AW025289, AI935720, AA724676, AW385203, AW243018, R15390, AW014134, AA074234, R18788, H14886, AA772066, F35935, R42130, R40003, AI628487, R13943, AI540418, AI804744, AI036574, AI675744, R88613, U45975, AB032551, AC005005</p>
469	HSOBR31	874328	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 761 of SEQ ID NO:469, b is an integer of 15 to 775, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:469, and where b is greater than or equal to a + 14.</p>	<p>AI123547, AI638611, AI332314, AI017607, AI017515, AA747554, AI123545, AA307434, W95888, N58932, AA236947, AW294479, AA188663, AW006657, AI611168, AA235883, AA907755, H49637, T86615, AW148842, W95762, H49724, T86614</p>
470	HLLCC54	874329	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1283 of SEQ ID NO:470, b is an integer of 15 to 1297, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:470, and where b is greater than or equal to a + 14.</p>	<p>AI150905, AI469110, AW136470, AA228032, N63445, AW439443, AI041883, N94705, AI352190, AA621449, AA927332, Z19412, AA947780, AA939129, AI572412, R38500, AA228031, AI768828</p>

471	HE2LO76	874330	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2141 of SEQ ID NO:471, b is an integer of 15 to 2155, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:471, and where b is greater than or equal to a + 14.</p>	<p>W56900, AA455511, AA827684, AA425850, AI292237, AI281884, AA496282, AA428403, N51765, AI472841, H61767, AI749054, AA634168, AA848045, AA772970, AA913803, W16849, R76331, H61768, R81746, R76660, AL047616, N46084, N46082, R81503, AI000803, R25755, AA366510, AA455510, R33471, R26595, R34005, AW273661, AA428757</p>
472	HTTIU53	874345	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 445 of SEQ ID NO:472, b is an integer of 15 to 459, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:472, and where b is greater than or equal to a + 14.</p>	<p>AD000812, AC002126</p>
473	HUFDS37	874348	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 696 of SEQ ID NO:473, b is an integer of 15 to 710, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:473, and where b is greater than or equal to a + 14.</p>	<p>AI024732, AI863537, Z43401, F06518, F08484, F05301, R25827, AL117352</p>

474	HWMAJ78	874349	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1265 of SEQ ID NO:474, b is an integer of 15 to 1279, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:474, and where b is greater than or equal to a + 14.</p>	<p>AW387843, AW387920, AI669065, AI660442, AW374954, AA179299, AA581989, AW245487, AA552295, AI290916, AA970439, AA858166, AW083567, AW081312, AA143765, AA586357, AW338329, AA826707, AI673628, AW390836, AA159525, AA552252, AW272530, AI934326, AW204476, AW273045, AI934314, AI917599, AA160684, AA897788, AW084264, AI475168, AW392046, AI744458, AA308296, AA492562, AI560238, AI687723, AI347276, AI673701, AW387832, AI912950, AA179443, AA148152, AW178987, AA133671, AW178997, AI739260, AI916157, AA524518, AA327165, AA367214, AA576490, AA359392, AC004030</p>
475	HWADK27	874350	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 466 of SEQ ID NO:475, b is an integer of 15 to 480, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:475, and where b is greater than or equal to a + 14.</p>	<p>AW027126</p>
476	HCRNT71	874352	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 933 of SEQ ID NO:476, b is an integer of 15 to 947, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA745496, AI640497, AI185795, AA679299, AI630992, AW135438, AW119128, AW268573, AI694863, AA701937, AA693960, W69674, AI076392, AI302761, AA935859, AI300728, AI174503, AA773315, W69675, AA825764, AA226398, AI913505, AA226369, AF086281</p>

477	HCRQA24	874358	<p>NO:476, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 571 of SEQ ID NO:477, b is an integer of 15 to 585, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:477, and where b is greater than or equal to a + 14.</p>	<p>AI752650, AL045836, AA853580, AI752804, AI752290, AB033025</p>
478	HUVC45	874362	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3456 of SEQ ID NO:478, b is an integer of 15 to 3470, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:478, and where b is greater than or equal to a + 14.</p>	<p>AI651354, AA902668, AI671714, AI660263, AI923736, AI870997, AW055188, AI597791, AI419305, AI218884, AI812004, AI184621, AI263003, AW003997, AI582873, AA398589, AI743685, AI554480, AW243444, AI650709, AI912913, AA889757, AI928338, AI016518, AI655858, AI890865, AA918563, AI479208, AW015252, AA142871, AI141504, AI439628, AW298282, AA487589, AW296920, AI348039, AI969568, AI972448, AA393378, AA488716, AI872319, AA947851, AI761843, AI018140, AI753277, AW105130, AA605233, AI656631, AI674516, AA219259, AI268912, AI218821, AA312548, AA977505, AI433319, AI750774, AA773622, N22561, N33173, AA603793, AA278683, AW020869, AI275720, AA136124, AI963022, AI219997, AA467959, AA075843, AI824937, N62723, AI240869, AA074204, AI004064, AI949016, AI609616, N27201, AA181922, AA921793, AW339771, AW079273, AA909437, AA136220, AL037622, H10307, AI750775, AA283030, AW298678, AI336597, AA219334, AI262736, AA467821, AI675214, N94333,</p>

479	HRAAG89	874368	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 623 of SEQ ID NO:479, b is an integer of 15 to 637, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:479, and where b is greater than or equal to a + 14.</p>	<p>AI962689, AA304910, AI923106, H10308, AI923101, AA610584, AW196397, N23561, W79064, AA525812, AA467960, W79278, AA384141, H13939, T39117, AI583688, AA337439, F02454, AW020276, AW272153, N41666, AA215583, H82822, AI699957, AA296400, AA774171, AA374065, R51346, F04851, H13938, AI265986, N78446, AA834424, N39945, AA808497, AA319602, AW371271, AA635866, R67972, AI913499, AI473530, AA249336, T35765, AI926163, R66887, F05731, R51453, AA214339, AA215715, AA333628, AA296441, T92452, N44957, AA186632, AA090199, AA729807, AA247419, R25968, H39536, R26772, AA352148, AA610373, T91494, N89839, F06181, AI925010, C20750, AA907845, AA903800, AW297809, AA431139, Z19610, AA214108, AI653812, AA649854, AW388311, AW388286, AW388340, N85281, AA632973, C06474, AI686813, R25574, AL040127, U29607, U13261, AB003144, L10652, AC006023, A74845, AF114784</p>
				<p>AA824313, AW298121, AI671730, AI125492, AI693007, AI684764, AI379854, AI419836, AW070876, AA665983, AA777811, AI272720, AI369047, AI347852, AI301020, AI022624, AI684754, AA582422, AI702084, AA954968, AA989429, AA775688, AA665932, AW044356, D79829, D62776, AI698551, AW181996, AA976166, AW440071, W26688, D62719, AI923301, AI538885, AI521560, AI888661, AI866573, AL042944, AI539771, AI537677, AI284509, AI500659, AI801325, AI500523, AI284517, AI500706, AI445237, AI491776, AW151138, AI282249, AI500662, AI567971, AI633493, AI434256, AI866691, AI433157, AI284513, AW151132, AI888118, AI432644, AI499915, AI889189, AW151979, AI434255, AW151136, AI494201, AI804505, AI815239, AL042865, AI866465, AI815232,</p>



	AI538850, AI887775, AI582932, AI923989, AI590043, AI872423, AI289791, AI926593, AI285417, AI582912, AW172723, AI539800, AI440263, AI889168, AI927233, AI866469, AI434242, AI805769, AI500714, AI285439, AI859991, AI436429, AI623736, AI889147, AI355779, AI581033, AI371228, AI491710, AI431307, AI440252, AI440238, AI866786, AI860003, AI610557, AI431316, AI242736, AI828574, AI539260, AI887499, AI539781, AI702065, AI539707, AI805774, AI885949, AW089557, AI285419, AI559957, AI521571, AI469775, AI866581, AW074057, AI815150, AI567953, AI446495, AI867068, AI952433, AI225248, AI698352, AI371229, AI561170, AI554821, AI440260, AW151974, AI049859, AI872300, AI621341, AI690946, AI648567, AI431238, AL042853, AA464646, AL042365, AI890391, AI358271, AI538881, AI890907, AI963846, AI433976, AI866458, AI432666, AL042595, AI610362, AI371251, AI866510, AL045500, AI866461, AI817244, AI354981, AI923046, AI804515, AW194509, AL047422, AL042787, AI446139, AL048403, AI275175, AI499463, AL047398, AI589428, AI440239, AI537273, AI436456, AI567940, AI612913, AI434240, AI285826, AI863014, AI499512, AI889133, AI371243, AW084151, AI610402, AI434223, AI610429, AL042538, AI623302, AI863357, AW058275, AI567935, AI805762, AI432656, AI366910, AL039390, AI493559, AI500061, AI274759, AW029401, AL042551, AL080046, AW162194, AL080045, AI469764, AI924051, AI554827, AL042515, AI889191, AI866608, AL042533, AI539863, AI366900, AW129310, AI355008, AA602325, AI567993, HI4453,

	AI343030, AA693354, AI523806, AI561177, AI049850, AA489001, AW197139, AI273179, AL047611, AI582926, AI866820, AW089844, AW161202, AI355126, AL045166, AI953562, AI620517, AI567961, AI889148, AI521596, AI436438, AL042377, AI828583, AW083804, AL036146, AI828572, AI521589, AI801589, AI537925, AI866503, AI537191, AW151970, AI371265, AL046681, AL133640, AR034821, I48978, A65340, AL122110, AL137529, I33392, AL133070, U30290, AL137480, AF032666, AL049283, I89947, AL133084, AL137276, X80340, AF106657, AF102578, AL080154, AL049314, AL133049, M92439, U77594, A08910, Y10823, AL133016, AL122093, S61953, AL110196, U87620, E12580, AL137533, S83440, AL133637, AF113699, AL133081, AL110221, A08913, S36676, Y11254, U68387, S7771, AL137665, AB016226, AF094480, I17544, AF058921, S78214, AF026816, L13297, AF087943, AL049423, AB007812, AL049452, A03736, AF057300, AF057299, Z82022, AL137712, AF177401, I48979, AL137429, AF031903, X79812, Y11587, AF118070, AL117583, AL117416, AL050146, E12747, S54890, AF002985, I89931, AF065135, AF090900, I09499, AF044323, I49625, AL050208, Y16645, AL122050, A77033, A77035, U57715, AL133053, AL096744, AL133113, AL137550, AR053103, Y10655, A08909, AF126247, AF183393, X84990, AL133608, AF090896, AL133619, Z97214, AL035458, AR038854, U58996, A08908, AL049382, AF210052, E12579, AL080140, U42766, AR068466, AL117648, A08916, M27260, AF185576, I00734, AR013797, AL136884, AL122049, AL137283, I03321, AF013249, AF111851, AL080127, AR059883, E00617, E00717, E00778, AL133015, S53987, AL117394, AL133606, AL137476, A93016, AC004213, I79595, L04849, A18777, AF118064, AF097996, AL137656,

480	HSLJR04	874369	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1875 of SEQ ID NO:480, b is an integer of 15 to 1889, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:480, and where b is greater than or equal to a + 14.</p>	<p>AL110222, AF061943, AR011880, AF017437, AR038969, AL133557, A07647, AL117440, U78525, E13998, AB008792, I77092, AB008791, U75932, AF090943, AF031147, I17767, Z37987, E07108, AL117457, AL050143, S68736, A08912, AB029065, A08911, AF110329, AL049324, AF215669, AL133080, AL110296, M22991, U55017, X67688, AL137574, AF158248, AL137658, I32738, U35846, AL080163, AJ005690, E07361, AL049347, A32826, A32827, A21103, A08907, AF113694, AF118094, AL050277, AF000301, AL133062, AL137488, AL096751, AL110218, S76508, I89934, AF113690, AL049300, AL050024, AF000496, D44497, D89079, U39656, AF143957, U86379, AL117460, AL050116, I66342, U57352, S69407, AF039138, AF039137, AL110225, AL117435, X59414, AL133565, AL122121, X98834, A15345, A30330, E02914, A30331, AR068753, AL137478, X70685, E02349, Z13966, AL137459, AF162270, AL133655, AL117585, I36502, AL049466, AL133568, AL137521, A51774, AF106862, AL110280, I68732, AF113019, X82434, D83989, AF114170, A76335, AF069506, AF118090, AL137271, I52013, A94751, AL122098, E01314, AL133075</p>
481	HNTBD52	874370	<p>Preferably excluded from the</p>	<p>D79551, D62420</p>

AI968358

482	HNTST27	874372	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 479 of SEQ ID NO:481, b is an integer of 15 to 493, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:481, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 459 of SEQ ID NO:482, b is an integer of 15 to 473, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:482, and where b is greater than or equal to a + 14.</p>	<p>AW239382, AA171575, AA332410, T67576, AA101350, AA101254, AA081973, AA547961, AI766488, T19153, AI190097, F01398, R44578, T23712, U69195, R37405, I70264, L07872, E03234, M81871, X17459, S63463, L07873, L34543, D14041, L34544, X59129, Z36843, M81866, L07876, L07874, L07875, X58337</p>
483	HSKJH49	874396	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 837 of SEQ ID NO:483, b is an integer of 15 to 851, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:483, and where b is greater than or equal to a + 14.</p>	<p>AI084624, AI979241, AI674690, AW001796, AW439437, AA176260, AA767510, AI498630, AI650765, AA827544, AA602346, N22713, AI629034, AI912527, AA788915, N48349, AI335659, AI631259, AA157848, AA576235, AA203198, AA702708, AI921184, AA159372, AA541348, AI307704, N23024, AI290103, AI631254, H99385, AI540316, AW440370, AA037341, AA523182, AW057852, AA669808, AA601990, H99337, C00261, AA079718, AI343345, H96030, H90076, AA745282, AI636729, AA903070, N50951, H25537, H25536, H25854, H81880, W31324, W15422, R08579, AA249588, AA301968, W03046, AA304742, AI902785, AI902787, AR003317</p>

484	HOEMK72	874399	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1486 of SEQ ID NO:484, b is an integer of 15 to 1500, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:484, and where b is greater than or equal to a + 14.</p>	AA805893	
485	HBKDS37	874400	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 477 of SEQ ID NO:485, b is an integer of 15 to 491, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:485, and where b is greater than or equal to a + 14.</p>	F21303, AI309080, AI313045, AI583929, AC003969	
486	HJMAK37	874401	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1303 of SEQ ID NO:486, b is an integer of 15 to 1317, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:486, and where b is greater than or equal to a + 14.</p>	AA203539, AA148118, AW069718, AW179200, AW179199, AW179127, AW179066, AW179067, AW179201, AW365271, AW375212, AI970092, AW179068, W44526, AW375210, AW375209, AW177015, AI867436, AA142855, AW387298, AI972796, AW365269, AW351646, AA471044, AW365274, AA855052, AW351586, AW176988, AW351605, AI609610, AI199285, AW365305, AA622549, AW351610, AW387243, AI953879, AW387300, AW365298, W46442, C04890, AI080586, AW351615, AW351650, T47835, AW009032, AI140272, AW375293, AW351617, AW375074, AW179130, AA715120,	

487	HUSGS50	874403	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 930 of SEQ ID NO:487, b is an integer of 15 to 944, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:487, and where b is greater than or equal to a + 14.</p>	AA146940, AI569811, AA708858, AI148102, AW179187, AA954511, AI280141, AI362606, AW179190, AI022446, W44525, AW365273, AW192407, C02906, AW179198, W42590, W42655, R49375, AW003019, AI460147, AA040465, AA040769, AI286271, R12655, AA225093, AA372930, AA303268, AA040464, AA033844, AI638392, AA039986, AW083637, AW365319, AI193934, AI749576, AW375224, T47857, AA923676, AW365284, AW375227, AW365278, AW387301, AA203405, AI133035, AC004987 N30151, AW194704, AI334393, AI949076, AI890882, AW027820, AI632175, AI356379, AA594117, AA203630, AI823467, AI651286, AI276677, AI370022, AI356428, AI493393, AI288570, AW172483, AA036755, AA831078, AI027633, W84550, W28230, N40442, AA906113, AW076062, AA256336, AA458607, AA524825, AA812137, R80312, D20096, AA236380, AW137712, AI956006, AI611671, AA256337, AA844452, AI040458, AA988565, AA057371, T97621, AI825118, T97573, AI886103, H87501, AA236379, AI457303, R97822, R80208, F20270, AI083695, AA091887, N35763, AI134524, AL038878, AL045327, U46344, AW374052, AL045328, AL042898, AL134110, AL047163, AL135012, AL045494, AL042420, AL042523, AL047611, AL045891, AI318479, AL042655, AL042741, AI142134, AL037295, AL038838, AL037343, AI547295, AL038983, D29033, AL037436, AL037335, AL042931, AL048657, AL037323, AL038651, AL048677, AI431323, AL042519, AL043089, AL043321, AL042802, AL042508, AL042488, AL046356, AI431307, AL042533, AI431316, AL037727, AL037443, AL038532, AL038822, AL042515, AI623302, AI431238, AL042729, AL038761, AI432644, AL042468, AL042832, AW363350, AI432666, AL038040, AL042853,
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488	HTOJL45	874407	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1663 of SEQ ID NO:488, b is an integer of 15 to 1677, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:488, and where b is greater than or equal to a + 14.</p>	<p>AI432654, AL042842, AL043166, AI432653, AL038024, AL037435, AL045326, AL042787, AI431235, AL038041, AI431246, AI431321, AI431315, AL041955, AW081103, AI432650, AI432677, AL045817, AL040207, AL043278, AL040472, AL043941, AI431328, AL043295, AL039432, AW084068, AI431230, AL038745, AL045753, AI431231, AI431257, AI432655, AI431310, AI431312, AL042135, AL047675, AI431353, AL040576, AL039360, AL037341, AR066494, A93923, A93931, AL133053, AL122101, A93916, Y17793, AL133074, D17247, A85203, AL133049, AL133082, AF019249, AL133076, AL133068, AR023813</p>
489	HLTGR10	874410	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1626 of SEQ ID NO:489, b is an integer of 15 to 1640, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>W91920, H95263, AA419510, AI913372, AI435134, AW130401, AI375405, AI805967, AI140314, W91921, AI342338, AI765817, AI142820, AI222817, AI081783, AI494425, AW384945, AW384882, H09398, AI143391, AI028243, H06368, R56653, N64531, AI336765, H11180, R92953, H06369, AW131817, AA125761, AW026574, R38780, H79040, H95311, Z44340, R56652, H09337, F03221, N76105, Z42199, H78553, W05400, F06954, T80102, H11092, R92954, F01727, AA642748, F03472, R57250, AA127039,</p>

490	HWLQF84	874411	<p>NO:489, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 623 of SEQ ID NO:490, b is an integer of 15 to 637, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:490, and where b is greater than or equal to a + 14.</p>	<p>AA732445, AA811541, AF052181</p> <p>AW007778, AA777636, AI609948, AW076025, AW272238, W92797, AA496251, F19306, AA704226, AA564616, Z24871, AI696766, T83790, AI474594, AI540776, AL117537</p>
491	HCQBD69	874413	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 450 of SEQ ID NO:491, b is an integer of 15 to 464, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:491, and where b is greater than or equal to a + 14.</p>	<p>T84308, T81666, AA344382, T81527, AA631021</p>
492	HATBE07	874414	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 763 of SEQ ID NO:492, b is an integer of 15 to 777, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI868039, N30147, AI671011, AW001046, AW292566, AA416681, AA449503, AA550918, AA508835, AI202156, H03076, F10876, R15110, F29564, H03264, R38188, H03078, R37579, F10877, AI419359, AA319552, AC004148</p>



493	HCQDD86	874416	<p>NO:492, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 550 of SEQ ID NO:493, b is an integer of 15 to 564, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:493, and where b is greater than or equal to a + 14.</p>	W02933, C16882, AA040896, AW297592, W31790, AI150968, Z25917, AA744862, D80022, C15076, C14389, AW085024, D58283, D59619, D80210, D80240, C14331, D59467, D80166, D81030, D80043, D59502, D80219, D80164, D80212, D80391, D59787, D80195, D59859, D59275, D51423, D50995, D51799, D80253, D80227, D80196, D80193, D80024, D80188, D59927, D57483, AW377671, D80269, D80366, AA305409, D80038, D50979, D59889, C14429, D59610, D80378, D80045, D51060, D80522, D80241, D80251, AI880633, T03269, AW178893, C14014, D51022, AW179328, C75259, AW378532, D81026, AW177440, AA305578, AW369651, D80134, AW178775, D80168, D80133, C14407, D80248, AW178762, D51250, AA514188, AW352158, D80949, D80132, D58253, AI910186, AA514186, AW177501, AW177511, D80247, AW360811, C14227, C05695, D81111, AI905856, AW352117, AW176467, AW378540, AW375405, D80268, Z21582, AW366296, AW360844, AW360817, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, AW352170, D80439, D59373, AW360834, D80302, AW352171, AW377676, AW178906, AW177505, AW177731, AW178907, AW179019, AW179024, D59627, D80258, AW179020, AW360841, AW178909, AW177456, AA285331, AW179329, AW352174, AW178980, AW177733, AW378528, AW178908, AW178754, AW179018, D51097, D80157, C14077, AW179004, AW179012, AW178914, AW378525, D51103, AW367967, C06015, AW177722, AW177728, AW179009, D51759, AW178774, AW178911, AW378543, AW352163, D58246, D59503, D80064, AW178983, AW352120, D80014, D58101, T11417, AW178781, D59653, T48593, H67866, C03092, AW177723, AA809122, AI557774, AW177508, F13647,
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494	HUCNE27	874417	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 759 of SEQ ID NO:494, b is an integer of 15 to 773, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>D45260, AI535850, C14975, AW378533, T03116, AW367950, H67854, AW378539, AW177497, AI525923, AW178986, T02974, AW177734, C14344, AI557751, C14298, AI525917, D59317, D45273, D51221, D51231, D51213, C14973, D60010, D59474, AI535686, AI525920, AI535961, AA514184, C14046, D59551, H67858, C14957, D60214, AI525227, C16955, AI525235, T03048, D59695, Z30160, AI525242, Z33452, AI525912, AW378542, AI525925, AI525215, C05763, AC007899, AR018138, A62300, A84916, A62298, AJ132110, AF058696, A67220, D34614, D89785, X67155, D26022, Y17188, A25909, A78862, AR008278, D88547, AB028859, X82626, Y12724, AR025207, AR060385, A82595, A94995, AB012117, AB002449, AR008443, A85396, AR066482, A44171, I50126, I50132, I50128, I50133, A85477, I19525, A86792, U87250, X93549, AR066488, AR016514, AR060138, A45456, A26615, AR052274, Y09669, AR066490, A43192, A43190, AR038669, AR066487, I14842, AR054175, A30438, I18367, D88507, D50010, Y17187, A63261, AR008277, AR008281, AR008408, AR062872, A70867, AF135125, AR016691, AR016690, U46128, X68127, D13509, A64136, A68321, AR060133, I79511, AB023656, U87247, AB033111, U79457, AF123263, AR032065, X93535, AR008382</p> <p>T84735, R34768, AA229550</p>
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495	HCRNL83	874422	NO:494, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 709 of SEQ ID NO:495, b is an integer of 15 to 723, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:495, and where b is greater than or equal to a + 14.	H06384, R18899, Z44266
496	HCRNJ94	874423	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 431 of SEQ ID NO:496, b is an integer of 15 to 445, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:496, and where b is greater than or equal to a + 14.	AC009399
497	HCROK63	874424	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 603 of SEQ ID NO:497, b is an integer of 15 to 617, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	AI015612, AA317841, AI624575, T03365, F08847, AL135117, AI266062, AI194070, T32043, AI651726, AA769451, AA478523, R43356, AI420508, AI696266, R49018, R43553, AA706697, AA814256

498	HCQDC45	874426	<p>NO:497, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1175 of SEQ ID NO:498, b is an integer of 15 to 1189, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:498, and where b is greater than or equal to a + 14.</p>	<p>AI807206, AA456258, AI379869, AA040053, AA489238, AA491881, AI591236, AA454645, AA743491, D62113, AA348495</p>
499	HCYBG26	874427	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 382 of SEQ ID NO:499, b is an integer of 15 to 396, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:499, and where b is greater than or equal to a + 14.</p>	<p>AA305281, AW188435, AA865072, AF118637</p>
500	HCRNV56	874428	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1295 of SEQ ID NO:500, b is an integer of 15 to 1309, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA478228, N27860, AA278201, N29624, N40633, AI061059, AI239749, AI239694, AI191282, AI287597, AA282735, AA477830, C02638, AA278669, AA282736, N41628, AI919327, AI147062</p>

501	HCYBL48	874432	<p>NO:500, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 930 of SEQ ID NO:501, b is an integer of 15 to 944, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:501, and where b is greater than or equal to a + 14.</p>	<p>AL049129, T10241, AA305569, AI124527, R26487, T54193, AI918254, AI866497, AC007707, AL049175, R33063</p>
502	HTODN93	874433	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 650 of SEQ ID NO:502, b is an integer of 15 to 664, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:502, and where b is greater than or equal to a + 14.</p>	
503	HWLQK42	874435	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 588 of SEQ ID NO:503, b is an integer of 15 to 602, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AW070344, AI805087, W92687, W92830, AI083823, AI085548, AI083824, AW150070, AW192716, AA775561, AW172659, M91217, AI393090, AW137263, W05570, F33371, R70460, AA339837, AI564511, AW380993, AA377546, AI924106, AW192211, AI825277, AA301724, AI619600, AI783751, AW190639, AW025095, AL110261, AF086482</p>

504	HODDJ01	874436	<p>NO:503, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 533 of SEQ ID NO:504, b is an integer of 15 to 547, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:504, and where b is greater than or equal to a + 14.</p>	<p>R17798, Z46181, F07399, AI861887, AL078621</p>
505	HNTDB90	874437	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2069 of SEQ ID NO:505, b is an integer of 15 to 2083, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:505, and where b is greater than or equal to a + 14.</p>	<p>AL041443, AW364832, AI701163, AA703268, AI922882, AW250751, AW176631, AW384906, AA977160, AI827503, AA836106, AA031993, AW364830, AA877105, AA029769, AA857717, AI097192, AW078802, AW439369, AI679300, AA307181, AW364828, AA017441, AA814838, AI149119, AI984542, AA088220, AA693617, AA642435, AA029770, AA693727, AA219350, AA701369, H10480, AI339809, AI342040, AA278400, AA679040, AI076284, H11320, AI598085, AI679645, AA169833, AW391744, AA774000, AA705303, AW169610, AI523750, AA555045, AI560150, AA132358, AA132238, H09723, AI263297, AI242620, AI888557, AI264388, AI467876, AI937736, AW073908, AI831021, T10347, AI679877, AA903261, AW088051, AI956162, AW378474, AW105100, AA730801, AI289089, AA693705, AW449744, AA890170, Z19430, AA169653, AA768954, T10346, R73748, N50800, AW367623, T16287, AW372230, AA553714, R56996, T78632, AA471222, AW303560, H09804, AA528730, AI193292, D19681, AA504409, AI572476, AW118415, AI625091, C14104, AA031922,</p>

				AI469393, AW383894, AA280352, AI862986, T79117, AA171744, H85873, AI473520, D57425, AW265702, AW265652, H09893, AA515950, AA278168, AW383887, AA187785, AA634073, AA171956, N55157, AW384891, AI858809, AA865810, AW383899, AW265651, R40722, H86006, AW379222, AW364831, AW246896, R20540, AI824458, AI912510, AI651840, AI863002, AI538566, AA716464, AI521005, AI479292, AI818204, AI568967, AI636507, AI696619, AI688848, AW264727, AI095003, AI927233, AW079148, AI696714, AI620056, AI624624, AA491505, AA830022, AA582029, AL049053, AW004606, AA832315, AI446511, AI364167, AI538564, AI915291, AI500714, AW152182, AI698391, AI582932, AI590043, AI889189, AW075382, AI678623, AI866469, AI474699, AI784214, H89138, AI621341, AI884318, AA731640, AI638644, AI570056, AI868680, AI370623, AW104141, W74529, AI539260, AI634737, AW082530, AI803786, AI701097, AI499570, AF090384, U35832, AF079566, AF110957, U35833, AB015337, AR038854, AR050959, AF080068, A58545, AL137716, AL137550, D44497, AL137463, X59813, X78627, AL133049, AJ005870, AL049452, I89947, A41579, U72621, U95114, AR034821, L35261, AF199509, AF126372, AL137530, Z82022, X68249, AF047716, AF124396, AF008439, A15345, A08456, A31057, U70981, AF038847, A77033, A77035, AL117587, U97675, AL133062, AF044323, I32738, A52184, X68560, AF137367, Z97214, AF103804, AL137711, AL110269, A23327, AL049276, L10730, AF087943, AF126488, AF125948, X69026, M79462, AF115410, X83544, E12806, E00984, I04527, AF082324, U57352, Y14634, U35846, AF116573, AF032666, AJ004832, AC007043, S65585, AR016802
506	HFPBQ02	874438	Preferably excluded from the	AI310512, AI017928, AI126428, AW183671,

507	HTXSK90	874447	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1220 of SEQ ID NO:506, b is an integer of 15 to 1234, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:506, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 632 of SEQ ID NO:507, b is an integer of 15 to 646, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:507, and where b is greater than or equal to a + 14.</p>	<p>AI769482, AI278244, H98700, AI276464, AI804304, AA150603, AA932025, AA150714, AA634250, AI693144, H15730, AL079931, AA018551, T71559, AI202638, AI669430, Z30167, AA583318, C15865, F11286, AW206756, AI824461, AI927394, AI676140, R22715, AI093716, R20421, AI080371</p> <p>AI032786, AI127382, AW296271, AI660953, AI582209, AA460965, AI376115, AI023644, AA461274, AI016900, AA767046, H00465, AA815039, R05714, H11254, AI868663, AA300091, R05715, AW403510, AA815462, AA235654, AW292253, W24933, AA628366, N93714, T49554, H00515, T49555</p>
508	HTECD58	874449	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2243 of SEQ ID NO:508, b is an integer of 15 to 2257, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:508, and where b is greater than or equal to a + 14.</p>	<p>AI217906, AW195775, AW195785, AA453351, AW386766, AA305356, AW082713, AW082701, AI795920, AI888047, AI439162, AI560009, AA995922, AI027616, AA453250, AA931063, AA463611, AW271381, N70413, AW085226, N23186, AA307663, AW008346, D78724, N94104, N39404, R72697, AA463258, AA262496, D61644, AI955116, N69284, H96507, AA009470, AA384388, R72625, D81170, AA911484, D80814, N48519, N32651, N41472, AA262490, AA705711, AA299338</p>
509	HWLQH59	874452	<p>Preferably excluded from the</p>	<p>AI128388, AI086103, AI796014, H04253, AI687030,</p>



<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 687 of SEQ ID NO:509, b is an integer of 15 to 701, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:509, and where b is greater than or equal to a + 14.</p>	<p>F24953, AL134524, AL045328, AL038838, AL037436, AL038983, AL037323, AL142134, AL042898, AL037727, AL039643, AL038745, AL037343, AL047163, AL037335, AL079852, AL037295, AL134110, AL037443, AL038532, AL037341, AL045989, AL047037, AL044125, AL038822, AL037435, AL040193, AL043941, AL044162, AL041347, AL047012, AL040621, AL043538, AL043496, AL043923, AL043814, AL041238, AL044186, AL040617, AL041324, AL040463, AL043845, AL047170, AL038761, AL044037, AL045327, AL041635, AL040294, AL044064, AL040464, AL041459, AL041577, AL047219, AL041098, AL040625, AL040576, AL045684, AL041752, AL045753, AL046850, AL040768, AL046994, AL046914, AL040052, AL040510, AL043467, AL040444, AL043677, AL040839, AL047183, AL043492, AL041602, AL044074, AL041246, AL041730, AL041523, AL043627, AL041374, AL043848, AL043570, AL040472, AL042135, AL046442, AL045857, AL041133, AL045671, AL041955, AL037279, AL040322, AL039316, AL041296, AL041096, AL046392, AL041163, AL040119, AL039360, AL044272, AL041086, AL044258, AL042096, AL041168, AL041159, AL047057, AL045920, AL040148, AL049018, AL041358, AL040458, AL044187, AL041233, AL040075, AL047295, AL041292, AL041346, AL045990, AL045817, AL040571, AL041142, AL040332, AL039338, AL040529, AL079878, AL041197, AL046330, AL040745, AL040370, AL040149, AL041344, AL044274, AL040128, AL044199, AL047036, AL040342, AL040553, AL041186, AL039432, AL040414, AL041277, AL039744, AL040285, AL040155, AL040091, AL044165, AL041131, AL040090,</p>
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	AL041051, AL040168, AL044201, AL043775, AL046327, AA585439, AL040253, AL041227, AL040082, AI546921, AL043444, AL040329, AI541356, AL041278, AL038651, D29033, AL040263, AI526186, AI557864, AL040255, AI526176, AI547006, AL040238, AL038878, AL045211, AL045725, AL041140, AI535813, AL079977, AL039915, AL043612, C16305, AL048677, AI541506, T41289, T18597, AI547039, AL044529, AI526194, U46344, AI525500, AI526073, AI540920, AI525556, AI318479, AI540974, AI557084, AI547291, AI541205, AL040385, AL049069, AI526187, AA585453, AI135012, AL042523, AI547250, D59436, AI557262, AI546971, AI557731, AA174170, AA585476, AI526184, C15737, AL045494, AA585098, AI546855, R28967, R29218, R28895, AA283326, T10982, AA585325, AI557808, D60844, R28965, R28892, AI541346, AL042420, R29262, C06219, T11028, AI557238, AI546891, R45895, AR064707, AJ238010, AR066494, I08396, I08389, A93923, D17247, A93916, Y16359, A93931, A58524, A58523, D13509, A93016, AR035975, AR035977, AF082186, AL122101, A85203, AL133053, Z32836, E13740, X81969, I05558, A60212, A60209, A60210, A60211, A86792, D50010, AJ244003, AJ244004, AJ244005, A98767, A20702, A93963, A93964, AR062872, I63120, AR062871, AR017907, A43189, AR062873, A43188, A20700, A25909, A98420, A98423, A98432, A98436, A98417, A98427, D78345, E03627, I48927, A35537, A35536, A02136, A04664, A02135, A04663, I84553, I84554, E17098, I06859, A18050, A23334, A75888, I70384, A60111, A23633, AR007512, I62368, I05845, A81878, A22739, AL133074, AB025273, AR038855, A22738, A90655, D13316, A02712, A77094, A77095, A95051, A18053, A64973, I03331, AR031566, I00682, A11245, A11624,

			<p>A11623, E00609, A11178, E01007, I13349, A10361, AL133082, AL133049, A16035, AR043601, A85395, A70872, A85476, I44681, X83865, I19525, A84772, A84776, A84773, A84775, A84774, AR067731, AR037157, AR054109, AR067732, A58522, A91750, AR063812, AJ230845, M28262, AF149828, Y14219, I15718, S60422, I01995, E12615, A02710, AR035193, A92133, E14304, A07700, A13393, A13392, AR031488, I13521, I52048, A27396, I25027, AR027100, I49890, I44531, I28266, I21869, I26929, I44515, I26928, I26930, I26927, A91965, I44516, A70040, E16678, A82653, I08051, E16636, I15717, A22734, A24783, A24782, A95117, AJ230935, AJ231028, AJ230972, A06631, I33632, AR035974, AR035976, AR035978, AJ244007, I08395, E03654, I66495, I66494, I60241, I60242, I66498, I66497, I66496, I66486, I66487, AJ230902, AJ231009, AR023813, AR054723, I03669, I03668, AJ230867, AR051957, AJ230951, A20699, E00696, E00697, E03813, I66482, AR009151, I66485, I66483, I66484, AR038066, AR027099, A05993, A05991, AR051651, AR051652, AL133076, AL133068, AJ230996</p>
510	HHEPP22	874455	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 331 of SEQ ID NO:510, b is an integer of 15 to 345, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:510, and where b is greater than or equal to a + 14.</p>

	AI686081, AI452857, AI538850, AI887151, AI499570, AW192976, AI554818, AI912533, AW007833, AI671931, AI560010, AI857724, AI620056, AI862024, AI912435, AI610822, AI799472, AW189802, AI653979, AI345666, AW079859, AI624950, AA827691, AL047854, AI887163, AI560184, AI648699, AW163834, AI418970, AW023338, AW078729, AW020381, AA857847, AI691088, AI568114, AA731711, AI349958, AW079818, AI539723, AA572758, AI288285, AI624938, AI866691, AI702527, AI567501, AA862485, AI267162, AL041150, AI697359, AW089844, AA805708, AI560844, AI355779, AI638644, AW263804, N25033, AI630252, AI285439, AI289791, AI356929, AL120300, AA746507, AI493858, AI433611, AW172607, AW303074, AW008353, AW304652, AI610399, AI471429, H89138, AI954200, R06685, AI868204, AI686589, AI950100, AI582871, AA528822, AI805688, R39624, AI469516, AI565172, AW084097, AI421662, AA808175, AI698391, AI628711, AI802998, AI683897, AI815233, AI630947, AW129264, AW081383, AI824375, AI597805, AI524179, AI521560, AI457113, AI309306, AA835970, AI559863, AI687568, AW189965, AI918634, AI884318, AI368043, AW025279, AI096771, AI571439, AA975952, AL043196, AI886181, AI419826, AI758445, AI539071, AI635634, AL037081, AW008226, AI811631, AI925028, AI610671, AI564290, AI863002, AW192363, AL120700, AI863047, AI371984, AI969655, AI933727, AI539260, AW148882, AI453328, AW262983, AI824503, AI440239, AW104141, AI244380, AI167231, AL121270, AI095003, AI500714, AW074374, AI586931, AI491710, AW007580, AI874004, AA693354,

			AL041562, AI628284, AI537643, AI273886, AW084368, AI923359, AI564620, AW149925, AA761573, AI627714, AI679487, AW051088, AW161202, AW118448, AI569440, AI954721, AI679261, AW268067, AI367328, AW081917, AI249389, AI628325, AW172981, AW074236, AI358200, AI886016, AI342023, AI355613, AW084801, AI623682, AI446511, AW002698, AL036255, AI915291, AI683292, AI500061, AI696714, AI370623, AI591228, AF162270, AL035587, AC002287, AP000250, Z82206, AF032666, AL117440, AC005156, AC005048, AL032822, AL022147, AL022165, AP000020, AP000211, AP000133, AP000030, AC006203, AC005940, E06743, AC006115, AL133623, AF042090, U36585, A65341, Z49258, AL137627, U95739, AL034417, Z82022, AC004989, AF153205, AP000130, AP000208, Z83840, AC006222, AP000247, AC006112, AP000697, AL096776, AC004797, AF067728, AC002464, AC004837, AF061573, AC009501, AC006336, AC004057, AL117587, AR013797, AC009233, A77033, A77035, AC006299, AL031295, AF038847, AF090901, AC006039, AL050393, AC005886, AC007392, AC004383, AC002301, AF097996, AC002472, AC007114, AL133445, AL035407, AL021393, AC004878, AL049557, AL050172, Z97214, AC005091, AC004690, AL035458, AC006501, AC002558, AC000052, AL136130, Y10936, AF145233, AL049430, AC009286, AL133084, AC004987, AF095901, AL133014, AC008014, AL137471, AC007869, AC004808, AC018767, E12579, AC006288, AC007056, AC007390, AL035464, AL035067, AC005291, AL080146 
511	HLD001	874458	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by

512	HWLRA47	874459	<p>the general formula of a-b, where a is any integer between 1 to 953 of SEQ ID NO:511, b is an integer of 15 to 967, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:511, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 518 of SEQ ID NO:512, b is an integer of 15 to 532, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:512, and where b is greater than or equal to a + 14.</p>	<p>AW163255, AI349083, AI929284, AI340991, AW299522, AW299513, AI912836, AI341293, AI650609, AA279840, AA132529, AW074796, AI307481, AW301440, AI420833, AA132590, AA279903, F36954, F29823, AW370022, AA618529, F36948, AW299502, F36952, AI962519, F26420, AI915440, T24436</p> <p>T85523, AA312283, F06560, Z99396, AW392670, AW384394, AW372827, AW363220, AL119443, AL119497, AL119319, AL119457, AL119324, U46341, AL119496, AL119355, AL119396, U46349, AL119341, AL119483, AL119484, AL119363, AL119391, AL119335, U46350, AL119522, AL036418, AL038837, U46351, AL119399, AL037051, AL036725, AA631969, AL119418, U46347, AL119444, U46346, AL036858, AL134527, AL042614, AL037205, AL119439, AL042551, AL042975, AL134518, AL042433, AL042965, AL134902, AL039074, U46345, AL134920, AL134528, AL042984, AL036924, AL119488, AL039912, AL134538, AL042970, AL042450, AL042542, AL038509, AL042544, AL043019, AL043029, AL036190, AL037085, AL036767, AL037094, AL043003, AL037077, AL036774, AL037526, AL036196, AL037639, AL037082, AL119464, AL038520, AL036268, AL037027, AL036998, AL038851, AL036733, AL036765, AL037615, AL036191, AL036679, AL036886, A81671, AR060234, AR066494, AR023813, AR064707, AR069079, AR054110, AB026436</p> <p>N72353, T97421, AL133353</p>
513	HCRMX57	874460	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 501 of</p>	

514	HFPEC02	874461	SEQ ID NO:513, b is an integer of 15 to 515, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:513, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 481 of SEQ ID NO:514, b is an integer of 15 to 495, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:514, and where b is greater than or equal to a + 14.	AA665310, AI367951, AA313588, AI565593
515	HMEEI02	874467	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 432 of SEQ ID NO:515, b is an integer of 15 to 446, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:515, and where b is greater than or equal to a + 14.	R88606, AA425967, AA485522, AI989388, H14288, AL043020, Z92544
516	HKCSZ54	874468	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1161 of	T05569, AC005815

517	H2CBM49	874469	<p>SEQ ID NO:516, b is an integer of 15 to 1175, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:516, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 459 of SEQ ID NO:517, b is an integer of 15 to 473, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:517, and where b is greater than or equal to a + 14.</p>	AA307756, W03805, AA309459, AA492105, AA501614, AA251356, F29520, AA872564, AA845804, F16979, AA527209, AA626823, R46803, AC004883, AC004967, AC002558, AL096791, AC002351, AP000512, AC002288, AC003662, AC009247, AL050318, AC002300, AC006544, AC005015, AC004491, AL031680, AC002073, AC005800, AF069291, AC006270, AF111167, AC004605, AC005291, AC005500, AC007371, Z97054, AC006241, AL135744, AC005049, AL035685, AC007688, AJ003147, AC006064, AC005225, AC007216, AL024498, AP000355, AC005971, AC004000, AL035460, AL096701, AL121658, AL049709, AC005081, AC004797, Z83822, AF111168, AF165926, AP000144, AC005914, AC005088, Z97053, AC004526, Z98036, AL122020, U91326, AC005803, AC004813, AC006211, AC007390, AL121603, AC009516, AL080243, AF001550, U47924, AC012085, AC005037, AC004985, AL049776, AL031848, AC006120, AL031685, Z95115, AC006449, AC006530, AL031591, AJ229043, AP000117, AC005209, AC004125, L44140, AC007298, AC005695, AC007676, AC005089, AC005527, AL049869, AC007637, AF053356, AP000555, AC006039, AC004686, AC006057, AC002044, AC002563, AL008627, AF205588, AC005071, AC000025, AF003626, AC007546, AF134726, AC005746, Z99943, AC005529, U80017, AC016025, AJ246003, AL008726, AC004253, Z84480, AC005193, AC006277, AL034420, AL133246, AC004383, AL049712, AC003009, AC005399, AC005488,
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518	HUVGR86	874470	<p>AL022725, AC005874, AF134471, AC004815, AB000882, AC004998, AC007240, AC006077, AC007151, AL132777, U91323, AF126403, AC002477, AC005924, D87675, AL035587, AC006441, AC005972, AC007731, AC005703, AC006946, AL021391, AL049765, AC004895, AL031774, AC005519, AC005696, AL139054, AL049780, AC002365, AC007055, Z99716, AP000346, AL035086, AC002565, AC007542, AF030453, AC005921, AL031985, AC002470, AC003982, AC007999, AC005331, AC006006, AC005725, Z98051, AL035555, AC002404, AF109907, AC006071, AL034549, AF001548, U95740, AL096712, AC005410, AF002223, AL023553, AC004685, AL035420, AL109758, AF067844, AL121754, AL022316</p>
518	HUVGR86	874470	<p>AL039245, AI955098, AI857804, AI355557, AI469403, AW249170, AW167089, AW264538, AI922792, AI090862, AA614415, AW015755, AI970459, AI589853, AW302158, AI591130, AI990223, AI860824, AW248743, AA954810, AI652051, AI634311, AI739259, AI886436, AW196771, AW078970, AA908313, AI798561, AI611669, AA506437, AW079611, AI912359, AA131747, F37324, AW183471, W19261, AA679753, AW264730, F27752, AW339361, AA514635, AA962100, AA330885, H91413, AI869375, AI829609, AW297389, AA465711, AW050424, AA131835, AA355811, AI587515, AI493248, AA583508, AI933589, AW263823, AI289791, AW169604, AA969375, AI865289, AW059765, AI866770, AI801152, AI802542, AI586931, AI955906, AI565172, AI954721, AW151136, AI345688, AI114703, R81679, AI640704, AI538885, AW118518, AI799183, AW025279, AI915207, AI473536, AW176261, AW029457, AL037582, AL037602, AI251221, AW089275, AW022682, AI491710, AL046944,</p>

	AL138406, AI653829, AW410842, AI473451, AI432085, W60528, AA808175, AW161402, AI355613, AI587209, AI648509, AI628711, AA659314, AW081036, AI499890, AL039430, AI859644, AI446511, AL036988, AI095003, AI638644, AL043152, AI493576, AW148363, AA504514, AW193236, AI538764, AI633125, AI361319, AW129106, AI613038, AI283760, AW055252, AI524179, AW131282, AL036673, AW022102, AI915291, AI954475, AI680221, AI431975, AW088698, AI440238, AA830821, AI309306, AW410259, AI698391, AW169527, AI554821, AI923370, AI889189, AI921633, AA641818, AW243886, AI927233, AI699865, AI559863, AW089006, H89138, AI554343, AI445620, AL046466, AI623941, AI500061, AI690410, AW008353, AI524654, R28164, AI539260, AI274745, AI784214, AI620056, AL040011, AW083750, AI648699, AI281757, AI275163, AI270295, AI819545, AI270706, AI432644, AI802244, AI471282, AI690813, AW194014, AW088560, AI371984, AW051088, AI890907, AI627360, AI621341, AW104141, AW192687, AW079432, AI619817, AI401697, AI538564, AI553645, AW403717, AI624548, AA464646, AI916419, AW152182, AW262026, AL038605, AI474646, AL118781, AI285439, N22276, AA761608, AI582932, AI923989, AI590043, AI872423, AW148356, AI537677, AI699020, AI866162, AI434731, AI521560, AI500662, AI648494, AI333104, AI471429, AI452560, AI866780, T69241, AL046931, AI479292, AI866469, AI860027, AW167086, AI590020, AL040205, AA502794, AI500714, AW188693, AI279925, AI635032, AI368816, AI884318, AI859991, AI800370, AW080920, AI889256, AW238688, AI581033, AW103628, AI439452,

	AI570056, AL043355, AI269205, AI954422, AI932794, AI569975, AI860003, AI554344, AW079409, W74529, AI917428, D63481, AF090900, AJ005690, I48978, AL110221, X59414, U00763, AL117416, A03736, X66862, AL050024, I29004, X66417, I89947, AL122104, AL137459, AL137530, AF124728, AL133665, AF013214, AL137533, AF118090, AL110280, I03321, E04233, I09499, AL050092, AF182215, AL117587, X98834, AR038854, A08913, AL110158, AL122121, I48979, AL133640, AF017790, A08912, A08911, AF067728, E12806, AL117435, S76508, S78214, X82434, AL137523, AL137271, E12747, AF017152, AL133560, AL137539, A08907, Z13966, AL133075, AF002672, A08910, AL137627, A08909, AF017437, AF175903, A77033, A77035, AF132676, E02349, AF061836, AL050172, AF176651, U87620, AL096744, AF039138, AF039137, AF044323, AL133568, AF114168, Z97214, AL110218, AF179633, AC004686, Y10655, AL137521, A08908, AL080159, L31396, L31397, AL122050, I79595, AF002985, L04504, AF102578, AF113677, Z82022, M85164, AJ242859, AF094480, AL050155, AF139986, AL133619, AB019565, I32738, A18777, I89931, AF113690, AF111851, E01314, AL117457, S77771, AL096720, AL117394, AL137488, I49625, AR020905, AF038847, AL137478, A76335, AF069506, AL110296, AL117460, Y09972, AL137558, U72621, AR034821, U42766, AL133565, AL137548, D16301, X83508, AF145233, A86558, AF118064, A65340, AL133080, AR029490, AF047716, AF043493, AF090903, U37359, I66342, U78525, AL050393, D83032, I89934, D83989, U01145, A92311, AL122049, AF108357, AF015958, AL110228, AF090901, A21101, AC003032, AC004822, AL137537, AL050170, AL122110, AR013797, AF090934, AF097996, U67958, AF087943, AL049382, X52128, AR060156, AL133016, AL080118,

519	HCYBN52	874472	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 578 of SEQ ID NO:519, b is an integer of 15 to 592, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:519, and where b is greater than or equal to a + 14.</p>	<p>U75932, AF067790, AF028823, AF113689, S63521, Y16645, AF118094, S36676, Y11587, AF065135, AF113699, Z72491, U02885, AF106827, AL117583, AF183393, AF159615, AF159148, A93350, Z37987, AL137529, AL096751, E01614, E13364, AL137480, AF032666, AJ012755, M92439, AC007298, X61970, AR068753, L04849, S83456, S68736, A08915, AL023657, AL110224, AF061573, U77594, AR022283, AF113694, AF100781, AL049283, A76337, Y13350, AL137258, I46765, AF200464, AF169154, AL050116, E06743, AL049452, Y07905, AF079765, A08916, AL137292, AL117432, AL137479, L13297, X66871, AF031147, AF153205, M27260, AJ003118, AL136842, X65873, AL133112, AL049347, AC002467, I22272, AL080060, AL049938, AL133093, AF118070, U92068, AF141289, AL080110, AL080234, AL137711, U62966, AF185576, AL050138, X93495</p> <p>AA305496, AA436754, H80977, C14389, D81026, D59927, D80212, D80522, D81030, D80391, D59787, D58283, D80248, D80045, D59859, D59502, D80196, D80022, C14331, D80166, D80195, D80043, D59467, D51423, D59619, D80210, D51799, D80164, D59275, D80240, D80253, D80227, AA305409, D80188, D80133, D50995, D51022, C15076, D80219, AA305578, AW377671, D50979, D57483, D80269, D59610, D80038, D80366, D59889, D80193, D80024, D80378, D80268, AA514188, AW177440, D80251, D80241, AW179328, C14429, AW178893, AA514186, D51060, T03269, AW360811, C75259, C14014, D80134, D80132, AW378532, T11417, AW375405, AW177501, AW177511, D59373, C05695, AW178762, F13647, AW366296, AW360844, AW360817, D51250, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, D58253, AW178775, D80302, AW178906, D80157, D80439, AW369651, D80247, AW352158, AW352117, AW176467, AW352171,</p>
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	AW377676, AW352170, AW177731, AW178907, AW179019, AW179024, AI910186, AW177505, AW360841, AW179020, AW178909, AW177456, AW179329, D59627, AW378528, AW178980, AW177733, AW178908, AW178754, AW179018, D51213, D51759, D51103, AW352174, AW179004, AW179012, AW378525, AI905856, AW178914, D80258, AW367967, D58101, D80014, C06015, AW177722, D59503, AW177728, AW179009, AW378543, AW360834, AW178983, AW178774, AW178911, AW352163, AW378540, T48593, D58246, Z21582, AW178781, AI535850, AW352120, D59653, D45260, D59474, C14227, AW177723, D80064, AA285331, D81111, AW367950, D51097, C03092, AW177508, T02974, H67854, C14975, AW378533, H67866, AA809122, AW178986, AW177497, AI525923, AA514184, C14973, AW177734, D80228, T03116, AI525917, D59317, D45273, C14344, C14407, D51221, D60010, AI525920, C14046, AW378539, AI535686, AI557774, C14957, D59551, AI557751, AI525227, D60214, AI525235, C14298, T03048, D80168, AI525912, AI525242, AW378542, AI525925, AI525215, AI535961, C16955, C05763, Z33452, AI525222, AW360855, AI525237, H67858, C04682, T02868, D31458, D59695, AF058696, AJ132110, A84916, A62300, A62298, AR018138, AR008278, AB028859, D26022, X67155, Y17188, A25909, Y12724, A67220, D89785, A78862, D34614, D88547, A82595, A94995, X82626, AR060385, AB002449, AR016808, AR008443, AR025207, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, Y09669, A43192, A43190, AR038669, AR066487, AR066490, AB012117, A30438, I14842, AR054175, I18367, D50010, X68127, Y17187, A63261, A85396, D88507, AR066482, A44171, X64588, AR008277, AR008281, A85477, AR008408, I19525, A86792, AR062872,

520	HDPFO58	874473	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 554 of SEQ ID NO:520, b is an integer of 15 to 568, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:520, and where b is greater than or equal to a + 14.</p>	<p>A70867, AR016691, AR016690, U46128, X93549, D13509, A64136, A68321, AR060133, I79511, X72378, U79457, AF123263, AR032065, AR008382</p> <p>AA313465, AC002476</p>
521	H2CBC28	874474	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 973 of SEQ ID NO:521, b is an integer of 15 to 987, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:521, and where b is greater than or equal to a + 14.</p>	<p>R17875, AA307182, AA234820, R51143, AA332209, H20879, T74325, AW296624, F12429, AW452273, R14421, Z44528, H06787, D59627, D51213, D80168, D80258, C14298, D80949, D59503, D45273, C14407, D59695, D80014, D52291, D58101, D51079, C14227, D80064, D80212, T03048, AW360780, C14389, D81030, T11417, D59927, D80290, C16955, D58246, C14331, D80045, D81111, D52059, D80228, D59484, D80391, D59787, D81026, AW377669, D59619, D80210, D80240, D80522, D80157, D80022, D80166, D80248, Z33452, AI535686, D59502, D58283, AW377661, D80195, D51423, AI557751, D51060, D59859, D80366, D80164, D59467, D51799, D59275, D80253, D80268, D80043, D80227, D80193, D59610, D80388, D80024, D80439, T02974, D80188, AA305409, D50979, C06015, AA305578, D80038, C14014, AI557774, D80241, D80378, D59373, AA514188, D51759, D80302, AI525228, AA514186, H67854, H67866, D80247, D80196, F13647, AI525216, D80219, C13958, C15076, C03092, AI535663, D80133, D80251, Z30160, D50995,</p>

522	HCRQF18	874475	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1141 of SEQ ID NO:522, b is an integer of 15 to 1155, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:522, and where b is greater than or equal to a + 14.</p>	<p>C14973, D51022, AA514184, C14344, AA809122, D59551, C14077, D57483, D80269, D59889, D59474, C04682, Z21582, D59317, D51221, T03116, F13796, AI525978, C06084, H67858, AI525969, AI525238, D51103, T02868, D45260, AA305720, AI525215, AI525923, AI525242, AI525235, AI525920, AI525912, AI525227, AI535961, C05763, D31458, AI525917, AI525237, AI525922, AI525925, AI525914, AI525907, AI525903, Z92542, AR016808, AB010386, X64588, I82448, U37689, A47134, I81198, A84916, AB019242, A62300, A62298, AB028859, I82446, AJ132110, AR018138, X72378, AR008278, AF058696, I14842, AB002449, A82595, AR060385, I79511, AR054175, AR008277, AR008281</p> <p>AI091231, AI655460, AW419347, AA599117, AA324808, Z39364, R51273, AW392670, Z99396, U46347, AW384394, AW363220, AL119484, AL036418, AL038837, AL037051, AL036725, AA631969, AW188647, AW372827, AL043003, AL119457, AL134153, AL119497, AL119319, AL119324, AL119439, AL119391, AL119443, U46350, AL036858, AL119522, AL039074, U46351, AL036924, AL119483, AI468939, AL119363, AL119355, AW128838, U46341, U46349, AL119341, AI497736, AL119396, AL119335, AL119418, AL119496, AL135561, AL038509, AL037085, AL039564, AL119444, AL039085, AL037205, AI568881, AL039156, AI270298, AW081940, AL039108, AL134132, AL039109, AL039128, AL037094, AL134530, AL134519, AW272567, AL037526, AL134531, AL036196, AL119401, AL036190, AL134527, AL134528, AL043147, U46346, AL079657, AL037639, AL042614, AL039659, AL036767, AL038520, AL134533, AL037082, AL119399, AL042984, AL042965, AL042975, AL036268, AL042542, AI792230, AL134538, U46345, AL042544, AL042989, AL043019,</p>
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523	HE2CI70	874479	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 515 of SEQ ID NO:523, b is an integer of 15 to 529, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:523, and where b is greater than or equal to a + 14.</p>	<p>AL042551, AL037077, AL043029, AL042450, AI142134, AL039625, AL039648, AL045337, AL036238, AL042909, AL038447, AL039678, AL039629, AL039386, AL036998, AL037615, AL038851, AL036733, AL037027, AL119464, AL036774, AL037178, AL037021, AL036765, AL039410, AL036719, AL036191, AL036679, AR066494, AR060234, A81671, AR023813, AR064707, AR069079, AB026436, AR054110</p>
524	HSPAX64	874480	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1967 of SEQ ID NO:524, b is an integer of 15 to 1981, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:524, and where b is greater than or equal to a + 14.</p>	<p>AI927646, AW001077, AI951703, W70091, AI951705, AA134111, AW235988, AI144285, N51368, D63211, AI700903</p>
525	HCRPE10	874481	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>H97940, AI472133, AI004952, N27386, AW235689, AI633433, AI119741, AA988792, N30111, AA830923, AW316939, AI961563, AI149583, AA507636, AI823859, AA507630, N32009, AA628731, AI358786, AA856747, R78501, AA323243, R65698, R78550, AI192314, R22064, AI122755, AA578856, AI379549, AI084575, R77137, R80450, R22905, R24489, R31530, R36133, R23007, R68060</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AA329666, AI281401, AI439393, AI798407, AA302817, AW157731, AW276678, AA417723, T08386, H68343, AA569715, AB003151, AP000688, AC005697,</p>



526	HTOJA79	874482	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1556 of SEQ ID NO:525, b is an integer of 15 to 1570, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:525, and where b is greater than or equal to a + 14.</p>	<p>AF051976, AC005837, AL109627, AC004144, Z83850, AC004491, AC008109, Z84466, AC002364, AC005280, AL049764, AF196972, AL049697, AC005089, AF111167, AC005874, AF134471, AC006597, AC006312, AF087017, AC006473, AL031280, AC005736, AC004987, AL022311, AC004448, AC003666, Z98200, AC008372, AC005796, AL022315, Z98257, AL022323, AF196970, AC002549, AC005740, AC000379, AC002312, AP001053, AF111168, AF196969, AC005353, AL049776, AC000134, AL024507, AC005562, AB022785, Z94161, AP000065, AC006511, AL031984, AP000112, AP000044, AC004472, AP000466, AC005049, L34160, U20499, AL021155, AL035400</p>
527	HGBGI31	874484	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1070 of SEQ ID NO:526, b is an integer of 15 to 1084, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:526, and where b is greater than or equal to a + 14.</p>	<p>AW269339, AI631650, AI743766, AW071647, AI141513, AI141515, AW183591, AA759305, N66691, N56903, AI206817, AI703230, AW263621, N32112, AI377705, N24656, N24651, N32124, N35855, AA608925, AI267504, N56791, AW026617, AA813748, H14805, AW183221, AA249548, N35444, N98958, N46634, AI886816, Z83822, D86969, AF127774</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1492 of SEQ ID NO:527, b is an integer of 15 to 1506, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI924940, AI650533, AI057572, AI424452, AI087991, AI674568, AA282264, AI638589, AW044688, N25211, AI291941, AA687274, AW183909, AA447768, AA453699, AA513691, AI193754, AI362359, H25491, C01395, H88787, AI051462, R40823, H89006, AL118765, R58364, AA620624, AA346606, AL039912, AI142134, AR043113</p>

528	HCRMF12	874485	<p>NO:527, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 307 of SEQ ID NO:528, b is an integer of 15 to 321, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:528, and where b is greater than or equal to a + 14.</p>	<p>AA973353, AW242590, N64735, AI681375, N40554, H87833, AA358852, T95005, T94951, AI434777, N91747, AI446623, AA225380, T73016, AA297496, AA650455, AA584756, AI309059, H77386, AA321010, AI251809, AA015948, AA634071, N51140, AW020891, AI032411, AA640563, T12424, T52786, R70884, X84712, AI000314, AI834262, AA629939, AA368749, AI358557, AA496309, AW384076, W81359, AA446645, AA372389, AA338238, AW271071, AI701898, AA573000, AI281622, H91062, AA229823, AI147511, AI627917, AA218835, AA947352, AA338237, AA932787, H87818, AI753131, AI668566, AW277240, AI751698, H91358, H91047, AA351868, AI679759, AI002863, AI819391, AI733523, AA228979, AI345256, AI940546, AA807704, AA649174, AA383937, AA935827, AW384100, AA496941, AI620666, AA507990, AA653881, F23268, AI689135, AW029626, R92703, AI888050, AA626828, H57752, AA196287, AC005722, AC005826, AC005702, AL049539, AF205588, AL022165, AC004686, AC005859, AC012085, AL031280, AL031287, AC005368, AL117355, AC005737, AC000086,</p>
529	HCQDD11	874486	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 800 of SEQ ID NO:529, b is an integer of 15 to 814, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:529, and where b is greater than or equal to a + 14.</p>	

	AC004593, AL022329, Y10129, U91629, AC005901, AC004662, AL031846, AC007253, AP000355, U18271, AC005539, AC007637, AC002402, AL024507, AC007263, AL021940, AF013593, AC004147, AC003688, AP000144, AC005297, Z92844, AP000156, AL109967, AL031737, AL035071, AC007656, AC005940, Z93023, AJ006345, AC008044, AC006459, AC006130, AC002400, AP000014, AL050318, AL122126, AC004617, Z98742, AC004884, AC005005, AC002073, L40817, AL031407, AL049709, AC002418, AL031602, AC004386, AC006468, AC006449, AC009501, AL132712, AL031685, AL133249, AP000557, U62317, AC006059, AP000347, AC006062, AC005015, Z84466, AP000493, Z73900, AC007671, L44140, AC000159, AL031657, AC003070, U96629, AL109847, AC007052, AC006254, Z68756, AC005480, Z84487, AC006992, AC003071, AL135783, AL133371, AL079340, AL031286, AC005740, U92032, AC007066, Z95118, U60205, AF222686, AL031587, AC004913, AC005076, AC004750, AC004915, AC007421, AC004647, AL031283, AL021977, AC006368, AP000310, AC000397, AP000116, AL035551, AC020663, AC007283, AC007092, AB023054, AL080317, AL049759, AC004079, AC004882, Z98052, AL133312, AC002430, AC007842, AC003107, AC005355, AC005484, AC007384, M91159, AL096774, AC007436, AC006441, AC004083, AC012627, AC004837, AB002155, AL031121, AC002310, AC005486, AC005179, AL022726, AC004106, AC006088, U02057, AL133163, AC007245, AC004910, AC006101, AL109980, AF049895, AC003081, AC007189, AC006222, Z95152, AC005585, AL031176, AC005365, AC000353, AP000356, AC004922, AC001231, AC005829, AC005081, Z82976, AC004081, AL023575, AL049634, AC005924, AL031656, AC003963, AJ006996, Z73417, AL096712, AL109839,

				AC005921, AC004668, AC004865, AP000346, AF047825, AL031003, AL022323, AC000028, AC005833, Z95331, AC004671, AC006141, AL022337, AL022336, Z99496, Z97876, AC004638, AC006126, U89336, AC003015, AP000248, AL117344, AP001068, AL035460, AL031662, AC007207, AF186194, AC003030, AC005876, AC005358, AC005332, AP000165, Z97987, AL049544, AC005232, AP000695, AL034351, Z97198, AP000696, AC002470, AC009784, AL034397, AC009247, AL031577, AL117258, AC002381, AL049872, AC006148, AD0000812, AC004703, Z92546, R87098
530	HCRPA46	874492	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 312 of SEQ ID NO:530, b is an integer of 15 to 326, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:530, and where b is greater than or equal to a + 14.</p>	
531	HCRPV94	874495	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 550 of SEQ ID NO:531, b is an integer of 15 to 564, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:531, and where b is greater than or equal to a + 14.</p>	AB014598, AL030998, AF082567

532	HCRPX62	874498	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 602 of SEQ ID NO:532, b is an integer of 15 to 616, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:532, and where b is greater than or equal to a + 14.</p>	R16588, R16531	
533	HFKUJ16	874499	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 635 of SEQ ID NO:533, b is an integer of 15 to 649, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:533, and where b is greater than or equal to a + 14.</p>	AI380837, AI927431, AF216312, E13203	
534	HL1SB03	874503	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 709 of SEQ ID NO:534, b is an integer of 15 to 723, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:534, and where b is greater than or equal to a + 14.</p>	AI357582, AI741646, AI820619, AI627793, AW009919, AI017918, AI798971, AI860948, AW206216, AI128098, AA740516, AW006828, AI422019, AI401225, AI088674, AA568539, AI042028, AA936376, AI612768, AI223316, AI077637, AA825608, AA441918, AI400740, AI474329, AI224142, AA937106, AI767035, AI290559, AI436175, AI300696, AA456524, AA815007, AI219458, AI400537, AI421335, N98878, AA902406, AA455161, N52185, H97557, AI002655, AA919015, AI572174, N90331, AA442028, H98458, AI000140, AI792015, H98592, T11461, H92440	

535	HDTLA27	874504	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 782 of SEQ ID NO:535, b is an integer of 15 to 796, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:535, and where b is greater than or equal to a + 14.</p>	<p>AI816386, AW247209, AA444018, T80511, AW163217, AI815446, AA338622, AW163745, AA359841, Z41863, AA634523, AA621265, AI884383, AA338360, AB023049, AP000513, AC006049, AP000512</p>
536	HCHCJ20	874505	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1121 of SEQ ID NO:536, b is an integer of 15 to 1135, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:536, and where b is greater than or equal to a + 14.</p>	
537	HLD0G81	874506	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1220 of SEQ ID NO:537, b is an integer of 15 to 1234, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:537, and where b is greater than or equal to a + 14.</p>	<p>AW339982, AI827788, AI627750, AL038656, AI888509, AW156877, AI094580, AI963436, AI634293, AI891103, AW080820, AA910949, AW009916, AW338663, AA514770, AL037705, AI924086, AI951034, AI025380, AL038657, AI703238, N47212, AI688623, AI091742, N57407, AW188387, N32312, AA860531, AA863007, AA532789, AW188451, N66542, AI306506, W32410, AW188660, AA601517, AI304931, AW338673, AA912494, C75275, AI050054, AI075117, W15332, W32856, AW084306, AW081448, W37293, AA889232, AI302660, AA902855, AI888343, AA507932, AA987475, W39423, AA938584,</p>

538	HPMLY88	874508	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1525 of SEQ ID NO:538, b is an integer of 15 to 1539, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:538, and where b is greater than or equal to a + 14.</p>	AA974132, F34503, AI621117, N27606, N90139, AA987821, AA916382, AI299905, AA953919, AI282708, AI473985, AI803426, AW028183, AA825320, AW173786, AW338830, AI921646, AW157842, AA854048, AA910245, AA855143, R39105, AA989409, T28851, W37827, R63566, AW178890, AI673106, C75395, AA887708, AA885915, H19457, AI273149, AA911486, AW265368, H42573, AI457300, R63520, AA772638, AI824046, AW194001, AA548768, T11298, AA813624, N91931, AI811441, AI476381, AW080982, C75171, C01891, AA084007, AI554233, AA384963, F29838, AL042009, AL039390, AL046681, AL046137, AI358612, D45781, M25160, AF153191, X03747, U16799, AF202048, AF202049, M25159, X03883, X61433, J02701, Z99758, M75030, Z11797, U17061, J02787
539	HIDAC50	874518	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 774 of SEQ ID NO:539, b is an integer of 15 to 788, where both a and b</p>	AI985974, AI831129, AI701918, AI469233, AW007649, AI683794, W52775, AA921832, AA599078, AI000597, AA604667, AI669164, AI022848, AI620402, AA747513, AA713994, W52450, AI971470, AI351325, AI678922, AA852738, AI025094, AA809319, AW183139, AI700796, AI867406, AI290796, AA721118, W58770, AW001013, N67520, AW089434, AI968630, AA812494, AI468826, AA172207, AA172212, AI608636, N85575, AA173900, N84394, AA827709, AA173877, AA089754, C75113, AA335629, AI142956, AW103098, U51920, X86373, X16318, X16319, AL049776, U29893 AI963808, AA527662, AI033700, AA811422, AI859767, AI277778, AI160624, AI458035, AA505696, AA227191, AI538253, AI301401, AA936616, AA460108

540	HL YCA01	874519	correspond to the positions of nucleotide residues shown in SEQ ID NO:539, and where b is greater than or equal to a + 14.	AW021176, AA640216, AA194176, W63704, W72405, AW020588, AI860160, AI963169, AI681768, AI677866, AI631777, AA830270, AA194175, AW305172, AI803557, AI696997, AI095536, AI677656, AI338525, AA150798, AA863348, AI281242, AA954686, AI265946, AA227927, H01350, AW276285, AA737409, AA430106, AA923590, AA468671, AA150674, AA714825, AI301123, H01304, AW273571, N50562, Z28949, AA782402, AA857623, AW371977, AI310720, AI354804, AA148462, AI968881, AI123867, AI637999, AW002622, AI969063, AA700782, AI699961, AI041858, AI097045, AI928059, AA683563, AI638646, AI190522, AI652908, AW440938, AI806213, C01494, N50620, AW363568, AW363567, D20573, AA284202, W76435, AW362797, AJ227895
541	HCRNF16	874522	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 535 of SEQ ID NO:541, b is an integer of 15 to 549, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:540, and where b is greater than or equal to a + 14.	AI209040, H86053, AW206470, Z29067, Z25434
542	HOE KX93	874524	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	AI093004, AA532946, AA564084, AA507201, AA507134, AW006481, AI871173, AA552730, W94684, AI348304, AA878084, AI401530, AA534543, AI417039, AI768351, AI384018, AI832682,



543	HTFP72	874527	<p>the general formula of a-b, where a is any integer between 1 to 453 of SEQ ID NO:542, b is an integer of 15 to 467, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:542, and where b is greater than or equal to a + 14.</p>	AI381790, AI708035, AA873199, AI301703, F21391, AW173369, AI018646, AI582667, AI581643, AI208881, AA908672, AA478298, AI093955, AI718804, AI675351, AA513024, AA977944, F22481, AA533319, AA532461, F16466, AA532891, AA588257, AA558343, AI382749, AA459680, AA587292, AA371783, AI581617, AA584023, AA459802, H43956, AI719400, AA320701, AA335295, H43908, AA365844, AI247163, C06460, AI581856, AI253013, AI344895, AI275296, AI251230, AI224758, AA364498, AI254294, H26864, AI250090, AI270854, F28916, AA536033, F23489, AI202611, AI223525, AI270980, AI434794, AI349890, AA327611, AA319916, F18547, F30398, AA708206, AA594821, F36609, AA640695, AI306848, AI306179, AW302783, AI318243, AI305366, AA878097, AA335481, D45451, AW268320, C20940, D45370, AR030258, AI254412
543	HTFP72	874527	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1197 of SEQ ID NO:543, b is an integer of 15 to 1211, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:543, and where b is greater than or equal to a + 14.</p>	AL042016, AI298509, AA136996, AI453129, R83898, AA423903, AA085438, AA346815, AI708977, T47842, AI623675, AA521346, AI628135, AA102610, AI905470, AI446546, AI493169, AI092939, AI151462, AI493180, AI708719, AA043102, AA043103, AA604111, AI066719, T39655, AA131307, AI129409, AI005110, AI750391, AI446673, AA806476, AA582230, AA423882, W79107, AA112431, AA617707, AI766424, AA808647, AI376430, AI147567, AI378214, N22518, AI082502, AA722988, AA255666, AW152080, AI382456, AA706866, Z85986, A52140, AF034187
544	HCRND05	874528	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1449 of SEQ ID NO:544, b is an integer of</p>	AI760170, AI150687, AW273858, AI400198, AW062695, AI924082, AW087415, AI689214, AI684707, AA526748, AI566857, AI377786, AW167628, AA525309, R65808, R32753, AI927229, R32754, AI242434, AI927230, AI701965, AI956002, AI867076, AW292033, AI368435, AA897436, AI612972, AI221593, AI364630

545	HCRNP66	874529	15 to 1463, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:544, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 522 of SEQ ID NO:545, b is an integer of 15 to 536, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:545, and where b is greater than or equal to a + 14.	AW392670, U46347, AL119457, AL134542, AL134531, AL134536, U46350, AL134527, AL043003, AW363220, AW384394, AL134533, U46351, AL119324, AL119443, AL119396, AR066494, AR069079
546	HAPCK19	874531	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 574 of SEQ ID NO:546, b is an integer of 15 to 588, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:546, and where b is greater than or equal to a + 14.	AI885516, AI547325, R24895, AW363358, AI547326, AA164922
547	HWLIN80	874533	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1571 of SEQ ID NO:547, b is an integer of	AA587884, AI767423, AI393280, AI949839, AA446436, AI190288, AI559560, AI682501, AA026445, W52085, AI335906, AI675307, W23537, AI253394, AA918686, W52355, AW270884, AI926314, AI270610, AW129161, AA807077, AI581933, AI766485, AA977638, N74921, N67476, D25717, AA233959, AA446128, AW149000, C02436, AA026248

548	HW MBA0 2	874534	15 to 1585, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:547, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1265 of SEQ ID NO:548, b is an integer of 15 to 1279, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:548, and where b is greater than or equal to a + 14.	AA502608, AI478744, AA045217, AI699980, AA813386, AA723372, AI433558, AI052065, AA113200, AA907374, AI424746, AI808683, H59204, AI341585, N69246, AI953729, T90351, AA099980, AI699473, T85849, AI766778, AA836395, AI802324, AI567411, AA630658, AA830372, AA584340, AR067863, U77949, AF022109, AJ223087, AJ009559
549	HCRQI74	874537	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1375 of SEQ ID NO:549, b is an integer of 15 to 1389, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:549, and where b is greater than or equal to a + 14.	AI346749, AI312720, AW084111, AI816832, AI621243, AI916669, AI309924, AI291557, AI458630, AW451021, AI571801, T26468, AW293308, AI346591, N52354, AL120629, AI824966, AI653039, AI290454, R20343, AI769740, R19490, AA915926, T26467, R43837, AW206912, H11896, W72861, AW206151, AI767801, R43726, W75957, AW196574, AI474938, F11673, AI657200, H41486, AA954054, AA582950, AB014554, AF034800
550	HCRMT48	874540	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 525 of SEQ ID NO:550, b is an integer of	AI741772, AW294773, AI915533, AW291354, AI745300, H82605, AW293578, AI089050, AA159011, AI660151, AW014671, AI807594, AL137668, AB014603

551	HDTJ085	874543	15 to 539, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:550, and where b is greater than or equal to a + 14.	<p>AI887728, AW057838, AI378621, AI522143, AI016980, AI561130, AI522026, AI005240, AI147473, AI559517, AA256451, C74989, R78188, AI289403, AI681611, AA731944, AI288392, H03832, R78244, AI701420, H03833, R77819, AA256323, AA505824, H01114, AI983828, R99504, R97982, AI686917, AI521228, H01115, R38045, R38042, R38134, AI364612, N56316, AA888634, AA094801, AA995973, AL119484, AL119439, AW392670, U46347, AL134530, AL134519, AL119391, AL119319, AW372827, AW363220, U46350, U46351, AL119444, AL119522, AL119457, AL119324, AL119443, AL119363, U46349, AW384394, Z99396, AL119497, AL119355, AL119483, AL134528, AL043003, AL037205, AL119401, U46346, AL042544, AL119335, U46341, AL134525, AL119341, AL119396, AL119418, AL134524, AL134518, AL042614, AL119399, U46345, AI142137, AL134538, AL119496, AL043019, AL042542, AI142132, AL042450, AL042984, AL042965, AL042975, AL043029, AL042551, AL119464, AL117441, AB026436, AR066494, AR060234, AR054110, A81671, AR043113, AR069079</p>
552	HIBEM35	874544	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1924 of SEQ ID NO:552, b is an integer of 15 to 1938, where both a and b correspond to the positions of	<p>AI694131, AW005239, AA669418, AW271760, AI683493, AW002988, W74758, AI291081, AI760408, AW168256, AI338063, AI522303, AA503641, AW197676, AI863389, AI025917, R69505, AA765402, AI932989, H11347, AI916985, AI866944, AI084550, AI702087, AW294510, AI932986, AA047533, AI025180, AI924998, AA835901, AA335987, R45671, R72219, H17624, H23220, R76654, R44622, R72176, W74574, R46347, AA962190, R19347, R70396,</p>

553	HE9QB35	874545	nucleotide residues shown in SEQ ID NO:552, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1428 of SEQ ID NO:553, b is an integer of 15 to 1442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:553, and where b is greater than or equal to a + 14.	R46437, AA249440, AW407351, AA351687, AA641292, AF150438, AI341777, AW407338, H17735, D20604, AC007327, AF161370  AI129333, AI300186, AA706487, AI623322, AW194754, AW140108, AI093486, AI936395, AA587424, AI521778, AI222194, W81371, AA905044, AW197515, AA873606, AA075771, W81629, T29810, AC009336, X15507, X56561, M87803
554	HCHMS55	874546	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1432 of SEQ ID NO:554, b is an integer of 15 to 1446, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:554, and where b is greater than or equal to a + 14.	AW245678, AW247182, AI972593, AW246638, AL039113, AA635532, AI739027, AW016854, AW016300, AI394048, AA142833, AW068260, AI669080, AI420874, AI080193, AA503817, AI343289, AW016301, R52416, AI239958, AA455481, R61423, W45615, AI739277, AI378464, AA883161, R52409, AI857686, AW068167, AW005773, AI337451, AW190775, AI266065, AW246010, R61381, AI241567, AA719327, AI640171, AI277571, AA324050, AI680628, AI758157, AI916131, AA782879, AI471730, R48703, AI865368, R48600, C75567, AI686454, T27923, W45561, AW070713, AW189143, F01282, AI611716, AW088956, AW188521, AI207844, AA639474, AI423701, AA455480, AA379331, C17774, AI972471, H26054, AW175761, AA455552, H73885, AI708130, AL042382, AL042544, AL119457, AW008166, AL119399, AL079794, AL119511, AL138457, AL043168, AL043152, AI471361, AW085786, AW073681, AI688853, AI524677, AI597918, AI567612, AI376872, AI348914, AI686926, AI866131, AI472536, AW117926,

AI636619, AW006046, AI250369, AW089122, AI281757, AW081255, AI590423, AW149092, AL040694, AI684234, AI865931, AI862144, AL038529, AI828574, AI570966, AI698427, AI468930, AI434741, AI336575, AW151136, AI281782, AI608988, AW089275, AI473451, AI540606, AL119324, AI866751, AI872423, AI819106, AI358456, AI553645, AI284084, AW087193, AA814407, AL045349, AI690946, AI623379, AI624671, AW151948, AI799195, AI891125, AL079741, AL041220, AI888621, AI564247, AW150578, AL042515, AI954130, AI828818, AL041150, AI634737, AI783530, AI347701, AW087901, AI284131, AI289542, AI573026, AA908294, AI500061, AW051059, AL042488, AI866798, AA641818, AI873613, AI282319, AI801325, AI358209, AW162194, AI623941, AI758437, AI801322, AI584153, AW105601, AI832457, AW131999, AI590624, AI050881, AI933001, AI250293, AW130930, AI570169, AI923989, AI581033, AW148320, AL036673, AW243886, AW103442, AI866770, AW081515, AI433157, AI702073, AI612750, AI432736, AW081653, AI619754, AI916419, AI866608, AI859991, AW149287, AL040207, AI634251, AW088560, AL119791, AW051088, AI890907, AI679550, AI539800, AI434020, AI671679, AW104141, AI633125, AI309244, AI698391, AI690480, AI368943, AI538564, AI525669, AI250627, AI160954, AI915291, AW152182, AA012905, AL042866, AI914862, AI866801, AI560683, AW151892, AI249800, AI446124, AI582932, AI520946, AI288305, AI865334, AI521560, AI889189, AI862142, AI473536, AA449768, AI863382, AI475430, AI609684, AI866469, AI336633, AA502794,				
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	AI345567, AI884318, AI445990, AI445679, AW238688, AI499986, AW104062, AI479165, AA744531, AW193141, AI559312, AI539560, X55039, X05299, U35655, X55038, E04057, U20951, AF002714, U00763, AL117432, U01145, U77594, Y11587, M81784, X72889, AF061943, X56039, X98834, AF094480, U72620, I89947, S69510, AC006336, AF106862, E02253, S74156, S68736, AF113699, X99257, I48978, AL133093, AC005291, AR038854, A08913, AF043493, AL137660, AL137526, A08912, A08910, AL137539, A18777, A08909, I09360, AL133606, A08908, AF132676, AF061836, X52128, A08916, AL133568, U00686, AF040751, AL133016, U91329, AL122106, AF090896, AF017152, AL133113, AL133558, S83440, AL137658, E12747, AF061573, AF091084, I89931, I26207, AL117460, AR059883, AL117648, I49625, AL137271, AL110296, A08907, AL133637, AL137529, I09499, AL137273, S76508, AL110218, I89934, AF118064, AL049283, AL122050, U90884, AL133081, AF079763, AL080158, I66342, AL049460, AR038969, X80340, S77771, AL133014, AL133072, AL133560, AL110196, A77033, A77035, AF087943, AL110222, AL050172, AL117416, AF031147, AL137459, AL137533, AL050155, AF102578, AJ005690, U88966, AF111112, S61953, I96214, AR034830, AF065135, AL133565, AL133557, X92070, E07108, AL137555, X87582, AL122111, AL117583, U68233, I92592, AF205861, AL080137, X63574, AF111849, I41145, U62317, U92068, A52563, AL117578, I48979, AL137294, E02221, AL122121, AF026816, L19437, AL080154, AL137574, AF061795, AL137712, AF151685, E15582, AL137550, AL133665, AF030513, AL050138, AL137292, AF032666, AF182215, X96540, A08911, I89944, AF017790, Y16645, AL049300, AL137557, AL050024, AR029490, AF069506, AL133624, AF079765,

555	HCRPG51	874550	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1264 of SEQ ID NO:555, b is an integer of 15 to 1278, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:555, and where b is greater than or equal to a + 14.</p>	<p>AF090903, AL023657, AL096744, AF061981, AF185576, AL122118, Y07905, AL096751, AF057300, AJ012755, Z97214, AF057299, S78214, I00734, AL137705, X72387, I03321, E00617, E00717, E00778, AL117629, AL137547, AF180525, AL137665, AL137429, AF110329, X06146, AF051325, I42402, AL122098, AL117649, AF090886, U87620, Y09972, AL122045, AF125948, AJ003118, AL137527, AF104032, AL133619</p>
556	HKMLN95	874551	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1987 of SEQ ID NO:556, b is an integer of 15 to 2001, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:556, and where b is greater than or equal to a + 14.</p>	<p>AI123591, AA625223, AA088420, AI200451, AI863514, AI767379, AI749134, AI863526, AI339791, AI280973, AI280895, AA053166, AA558472, AI355115, H21596, F13615, N85138, AA088517, AW242425, AI148692, C00944, X90563, AF033103, AF033342, AF033343, U63415, U79012, L40904, AF156665, AF156666, AB011365, AF059245, AF103946, AJ006756, AJ006757, Y12419, Y12420, AF030509, U01841, U09138, Y12882, U84893, AB019561, D83233, U01664, U10374, Z30972, AJ243133, AJ243132, AF013266, AB005525, AB005526, AB005524</p> <p>AA551127, AI692457, AI765517, AI749951, AI949762, AI129348, AI631959, AI672100, AI609235, AI692456, AI950134, AI651144, AW189207, AI935651, AA868261, AI151427, AA044198, W63627, AI521732, AI949853, AA161274, AI708643, AW300441, AI015909, AA868518, AI962729, AI150783, AA595810, AI281874, AI819752, AI479243, AI745688, AI341421, AW027973, AW022195, H99174, AA132312, AA429830, AA070213, N52408, AA442125, AW016589, AI913890, AA856798, AI745679, AI554270, AA554278, AA161275, AA702375, N24457, AA969821, AI635327, AA070298, AA699477, AI458226, AA043064, AI982949, AW439708, AI687133, AW272645, AA946996, AW177545, AW341771, AW177556,</p>



557	HMIAD35	874552	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2510 of SEQ ID NO:557, b is an integer of 15 to 2524, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:557, and where b is greater than or equal to a + 14.</p>	<p>AI342767, R99590, N95053, AI074359, AW402507, AI630618, R43298, H84183, R25323, AA557498, AA446257, AW243239, AI583569, AW194714, AA551069, R92184, AA714014, AA557798, AI433955, AI824194, N66644, R87671, T57874, T57956, AA313194, AI208421, AI921595, AA027072, AA156655, R87665, AI370681, R14400, AA352103, R87659, AA860614, AI140574, R24026, N58584, R87672, Z38717, AI870045, AW151040, AI277638, R84296, AA542839, R92288, AA307482, AI954284, AI472463, AI632684, N67635, AA442124, R18926, R84303, N72814, AI472552, AA876334, Z42525, R84309, T94235, R26521, AA091407, T26330, AA565557, AA609829, N53150, AF078850, U81186, AF064635</p>
558	HSYAM68	874553	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2653 of SEQ ID NO:558, b is an integer of 15 to 2667, where both a and b correspond to the positions of</p>	<p>AI654054, AA777790, AW118831, AI807933, AA204912, AI750036, AI922319, AA307744, AW149710, AI220354, AA954881, AA037461, AW021718, AI369003, AA446479, AA812671, AI796412, Z43835, D62485, AL119559, Z39900, AI978951, AA852817, AA319686, AA852816, AL039953, AA430172, AA609927, T35357, T35321, AA383343, R58429, AI184697, N86760, R43365, F07307, R17649, AF064104, AC006024, AC004899, AC006344</p> <p>AW374078, AI522263, AL135027, N98654, AW129530, AI744912, AI921308, AW298170, AA306189, AI378512, N51270, AI042527, AA028975, AI367359, AA721442, AA182847, AI692835, AA030054, AA481185, AA737502, AI350786, AI683938, AI867009, AA481500, AI142689, AI264543, AA708269, AW080670, AA854267, AW169590, N72881, W03106, N71768, N66131, AI471293, AI270046, AA214574, H98490, AI472606, H99050, AA887428,</p>

559	HDPAM86	874556	nucleotide residues shown in SEQ ID NO:558, and where b is greater than or equal to a + 14.	AW007921, AA301332, U77129
			Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2593 of SEQ ID NO:559, b is an integer of 15 to 2607, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:559, and where b is greater than or equal to a + 14.	AA404235, AA452200, AI859555, AA629933, AI700486, R60866, AW192693, AI753505, AI609216, AW368608, AI681136, AI160089, AL039630, AA862328, AW084706, AI075205, AW339497, AI760883, AI339567, AW022639, AI806967, AA179268, AI365066, AA642409, AW105685, AI339346, W26428, AI953837, H72654, AI061344, W28185, AI796053, AA401261, AW118568, AI560224, N98233, AL045364, W35399, AI874187, R73919, T74450, AI140449, AA007193, AA401871, AI360268, N40604, AW406981, H03740, AI024161, AI000213, R41873, H63466, H97548, AA180475, W58764, T89579, AA181254, AA749384, AI248677, AI933404, R54609, H56233, H52952, AI916328, W02598, AA748000, R17258, AA313579, AI962042, H78864, AW402957, AA730015, W76051, H56151, W60542, F06063, AW316616, AA296128, F12545, AI672647, AI695696, AA179415, AI889968, AI364585, AA837995, H63411, AA323911, T81755, W93331, R69604, H63813, H78323, H93943, AI085812, H93944, N27831, H98470, W33012, W95035, T29602, H78324, H96072, H71380, AW392290, F10164, T81118, R67287, T89852, H02847, R13407, F08385, Z38983, N73611, AA090302, R52513, AW269661, R96535, D62732, AW075559, T81172, AI205920, R40919, R00249, T85548, AA179722, R52562, AA398464, AI609360, T58300, T85220, F04606, R58657, F25602, AW243073, AI950069, AW151501, W28479, R60285, R69694, AW249461, AA641818, AI445620, AI554343, AI963846, AL040011, AI886123, AI690813, AW194014, AI677824, AA911767, R92109, AW084447, AI864836, AW029186, AW148544, AI491842, AI698401, AW130356,

	AI571699, AI872423, AW088560, AI581362, AI886440, AI288285, AI610667, AI439452, AW182790, AA872507, AI624304, AI918554, AI473554, AW080992, AI469270, AW166937, AI345416, AI345612, AI524179, W46493, AL138386, AI863382, AI539153, AW089275, AI345415, AW080298, AI049669, AW025279, AA514684, AI932794, AI866770, AI609069, AI476046, AA908294, AI927233, AI493032, AI886055, AI950729, AI432969, AI887765, AI784214, AI285439, AW130534, AI570169, AI453248, AI073952, AI536563, AI619813, AI860027, AI446373, AI270295, AI334714, AI419650, AI961589, AA761557, AI612750, AW150008, AI919500, AW263569, AI860697, AI554411, AW026425, AI632391, AI590043, AI683475, AW029294, AI890907, AA878790, AI564426, AI553645, I23959, A38388, Z77249, U78796, L40386, U58192, I89947, X63162, AL137550, AP000247, AL137529, AL137294, AP000130, AP000208, AF118090, AL110158, U88966, AL136842, AL137480, AF047716, E12747, AL117435, U91329, AL133072, AR038854, A08913, A08912, AL080086, I48978, E02349, S76508, A08916, A76335, X56039, AF090901, S77771, U62966, A08910, AL137537, A08909, E08631, AF158248, AL049300, A86558, A08908, AL137530, A08907, X70685, AR029490, AR011880, X82434, AF215669, I33392, AF141289, AB007812, AF039138, AF039137, AL050155, AF106657, AJ005690, AL080124, A18777, I89931, I32738, AL110225, X57961, AL050108, AL110280, I89934, I49625, AL049996, AL133640, AL049466, S83440, AF032666, X63410, U49434, A27171, Z97214, AL050366, AL137533, AF008439, AF067790, AL050277, AL137640, Y11587, A77033, A77035, AF087943, X80340, AL117416, AF183393, M86826,

				<p>Z37987, Y14314, AF199027, S79832, AL137527, AL096751, AF022363, AF104032, A08911, AL133010, AL080060, AR034821, AL080234, AL080162, AF061795, AF151685, Y07905, AL137292, AL122121, AL133568, AF113690, AF090934, AF017437, AL080156, AL133560, AF113699, AL117460, E06743, AF090900, I09499, AL122093, AJ012755, AF026816, L04849, D89079, AL117583, X84990, AL133075, AF090903, AL023657, U68387, AL137656, U78525, AL050393, U42766, AL133665, A03736, AF106862, AL137479, AL110218, D83032, AR053103, A15345, I79595, AF002985, AL122110, AF113694, AF106697, L19437, AF113677, AL050024, E03671, AB016226, AL137271, AL122106, Z13966, AL137711, Y09972, L31396, AF177401, AF185576, AL133113, L31397, I89944, Y10655, AL137459, AL133016, AL080140, AL050138, AC004200, AF028823, AF126247, AF067728, X87582, X06146, AL096744, AF207750, Y16645, AL049938, A65341, I48979, AL133080, AL122050, U90884, AL050172, AF079763, X55446, A93350, AL050116, U00686, AF117657, AF040751, X83508, X81464, AL049464, AL133637, AF175903, AF118070, AL137478, AL080159, AL080154, U95114, Z82022, AF200464, AL133624, AL117585, I17544, AF017152, AL122100, AL137558, AF061981, AL133619, D16301, U35846, Y08769, AL137539, AF111112, AL110171, AR013797, X66871, E05822, AL110196, AJ000937, A83556, Y10936, AL049430, Y13350, Z72491, E12806, AF153205, AL133557, AL049347, AF139986, AL133112, U49908, D55641, AL122049</p>
560	HNTMD17	874559	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>AI949652, AI685745, AW195069, AI052515, AI697062, AA280974, AA707923, AI218290, AI199847, H98774, AI144534, AI073884, AI668804, N46000, N23495, AA011443, AI689592, AA251688, AA011444, AA453078, AI436247, AI080750,</p>

561	HEEX65	874560	<p>is any integer between 1 to 1823 of SEQ ID NO:560, b is an integer of 15 to 1837, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:560, and where b is greater than or equal to a + 14.</p>	<p>AW248798, AA716253, AI275839, AI122970, AI453068, AI768147, AA844253, AA718935, AA725825, AA199845, AW268712, AA682515, AW339219, AI498394, AW339546, AA772711, AI445896, AA719969, W60548, AA917362, Z39539, AI003641, AW084055, AW084063, AA251094, T77877, AI536979, R15292, Z45463, AI942282, AA506048, AI623949, F03470, F07768, AA838154, F04328, AI611294, Z42543, H22527, AI674943, F02062, Z40852, AI364258, AI962091, R42198, Z44339, AI025438, AA452910, AW2335780, AA091738, R58217, F06562, W04953, AW377760, N45999, N55694, AI985580, AL117543</p>
561	HEEX65	874560	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1668 of SEQ ID NO:561, b is an integer of 15 to 1682, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:561, and where b is greater than or equal to a + 14.</p>	<p>AL135284, AW195652, AI492172, AW300531, AI334056, AI921269, AI017419, AI079507, AI138956, AI499016, N62394, N80209, N79360, AI934188, R99318, T72655, AA484807, AW439501, AW449451, AA041502, AA041403, R99412, W38499, T72723, AI673139, AI868062, AI457467, AI572468, H95855, X04325, I76175, X04070, AJ271753, M81447, X84215, M63802, X95311, X04303, L36875, M23565, L47127</p>
562	HHFJL44	874561	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1680 of SEQ ID NO:562, b is an integer of 15 to 1694, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:562, and where b is greater than</p>	<p>AI652047, AI796497, AI147530, AI628634, AI806666, AI126419, AI953655, AI651464, AI077355, AI147621, AA976545, AA406366, AA406459, AA234150, AA854449, AI458532, AI359880, R70839, AI766906, AW015806, AI935550, W15483, AA431949, AA443829, AI040405, AA476397, R79122, R83810, AI628751, AI868325, AW058660, AA663713, AI459031, AI984404, AI026812, H24631, AW020576, AW196384, R23619, AA127834, AI264888, AA476377, R73980, C20836, AA737872, Z38948, R21531, H01785, R21639, R23700, R26172, H04400,</p>

	or equal to a + 14.	F06029, R70786, AA476346, H24594, AA476327, AA234980, AA657835, AW157005, AI028510, AA992126, AA865262, H79308, AW274349, AI051037, AA719292, AW302659, AW302705, AI061313, AA503600, AL038705, AA679634, AA838190, AW021583, AI284640, AW303196, AA578695, AW245747, AW301350, AA644090, AI818231, AW081194, F08248, AI572924, AL046409, AI687343, AI754955, AW168453, AL042853, AI110770, AI081147, AI002744, AI434695, AA287550, AA808337, F12561, AA631507, AW275719, AA491814, AW265735, C15363, AI554718, AI281881, AA581903, AA584145, AA453558, H18914, AA629540, AA468022, AA468244, AA402129, AW302013, AW028392, AA904275, AA513544, R17793, AA508359, AW410354, AI886432, AA580808, D83989, X55923, X55931, X55924, I51997, AF015156, Z49816, AC006374, AC004987, AC000066, AF001549, L47124, AC007324, U67829, AC005815, Z98046, AL031054, AL022147, AJ010770, AC008079, AC006336, AL121603, AF227510, AC003692, AC006277, AF106202, AL022400, AL032822, AC004066, AC005747, AC005387, AC005154, Z69666, AC006241, AC007214, AC007437, AC005911, AC004603, AC003683, AC007043, AC002430, AC006568, Z82210, AC007193, AL008716, AC005578, AC002549, AL034420, AC006005, AL021546, AC007384, Z97205, AC006037, AL050341, AL049829, AC007298, AL031295, AL096861, AC004638, AC008064, AL031311, X75335, AF123462, AL096776, AC005242, AL033381, AC004945, AL033543, AP000298, AC005019, Z98742, AP000365, AC005488, AC002289, AC007425, AC004006, AC006130, AC005699, AC004478, AC010202, AL035608, AC006998, U91328, AP000359, AC008101, AB026584, AC006213, AC003007, AC005603, AC005251, AC005829, AC003108,
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563	HWHGD94	874562	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 935 of SEQ ID NO:563, b is an integer of 15 to 949, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:563, and where b is greater than or equal to a + 14.</p>	<p>AP000459, AP000049, AC003104, AC005393, AC006596, AC007263, AC007011, AL133371, AP000311, AC004029, AC006057, AC000052, AC004592, AL109985, AC006344, AC006292, AB020859, AC018769, AL008709, AL080243, AL133399, AL049853, AL035415, AC004986, AL022320, Z98051, AC007385, AC003664, Z84469, AC007245, AC004833, AC004465, AC004210, AC005784, AC004650, AC007877, AF041427, AL035411, AC008012, AL021977, U66059, AL049544, AC008055, AF039907, AC004069, AC006022, AC005295, AP000962, AC002531, AL050401, U63312, U95742, AC002509, AL031777, AC000003, AP000140, AL078639, AC005632, Z86061, AL078477, AC004940, AP000088, AC008116, AC006288, M22900, AL022722, AC002385, U63630, AR036572, AL034408, AL035448, AL022328, AP000508, Z97634, AL023882, AC004675, AF088219, AL022336, AC006155, AL110292, AL121934, AC003003, AC005703, AC004388, AC006210, Z99570, AC004626, AC007564, AC006271, AP000204, AP000126, AL031286, Z84470, AC004643, AC005962, AC004551, AL034371, AL096775, AC006071, Z98304, AL022163, AI219645</p> <p>AL110396, AA331926, AA626240, AA984573, AW360879, AW360978, M79191, AB018255</p>
564	HWLAC81	874563	<p>Preferably excluded from the</p>	<p>AI802786, T24450, U59209, AF072223, U08854,</p>

565	HWLEQ08	874564	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 489 of SEQ ID NO:564, b is an integer of 15 to 503, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:564, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 360 of SEQ ID NO:565, b is an integer of 15 to 374, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:565, and where b is greater than or equal to a + 14.</p>	<p>AF180322, U06641</p> <p>L02785, AR052312, AC005046</p>	
566	HSQDM57	874565	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1638 of SEQ ID NO:566, b is an integer of 15 to 1652, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:566, and where b is greater than or equal to a + 14.</p>	<p>AI807430, AI676072, AI749532, AI887309, AA513783, AA837010, AA528036, AI452482, AW089714, AI743490, AI590949, AI911647, AI625817, AI819148, AI924914, AI761418, AW152378, AI818810, AI290928, AW241750, AI680714, AA485530, AI638802, AI735658, AW130312, AI000556, AI521413, AI669583, AA039895, AA948166, AI091096, AW084946, AW139663, AI565004, AA632893, AA514221, AA524664, AA235802, AA865491, AI828293, AI800154, AA470456, AA490345, AW073080, AI244948, AA602956, AA040027, AA640112, AA483492, AA918178, AI276739, C02969, AI627612, N62339,</p>	



567	HTEJC93	874567	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1277 of SEQ ID NO:567, b is an integer of 15 to 1291, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:567, and where b is greater than or equal to a + 14.</p>	<p>AA169357, AA514889, H26425, T87972, AA343477, AA723462, R82948, H83098, AI432496, AI581370, H82876, T55847, AW393133, T55897, AW089750, AW393135, AA255742, AI745229, AI962074, AI470335, AI707637, AW013816, H45942, AA343478, AA343718, AA731056, AA903144, AA304118, AA344334, AA603266, AI247243, T10384, AA299545, AA301717, AA235803, AA485373, AW388463, AA169526, AA614843, AI273850, AA587177, AC004686</p> <p>H84612, H68440, H38005, R18676, F13210, T75350, AA911223, Z45334, R14079, H67952, A59459, A59517, U78581, D86176, AF048695, U78579, U78580, U52380, A59496, A59473, U52381, A59474, U52384, A59478, U52385, A59472, A59479, U52379, A59498, U52382, A59477, A59475, U52383</p>
568	HWLMQI 1	874569	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:568, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:568, and where b is greater than or equal to a + 14.</p>	<p>AI924920, AI753727, AW207160, AI914078, AA234929, AI439392, AI189476, AA532514, AI625486, AA622547, AW130733, AI696818, AI401099, AW008084, AI368479, AI368471, AI469802, AI916061, AI694524, AI833320, AI922024, AW137343, AA788954, AA257166, AI188289, N32400, AW131917, AI569287, AI798490, AW338407, AW080059, AW439587, T10596, AW051562, AW379054, AW392071, AI400854, AL119399, AL119457, AL119324, AL119511, AL042382, AL042544, AL043152, AL043168, AL079794, AL037081, AI559752, AI431323, AL042866, AI249497, AI525653, AL079741, AL119443, AL121306, AL039421, AI540354, AI267162, AI590043, AW392670, AI762707, AW163464,</p>

	AI890214, AI679214, AI536685, AI683497, U46349, AI538850, AA641818, Z99396, AI690813, AI627874, AI500061, AI969655, AI446538, AW189802, AW059828, AW167155, AI815232, AW384394, AI434731, AI858827, AW198090, AW162189, AI095003, AI637584, AI633125, R39484, AW129106, AI879064, AI699865, AI452560, AW090498, AI890907, AA600363, AI909697, AI686808, AI491775, AW372827, AA836168, AL048656, AW363220, AI923989, AL041772, AI802542, AW022636, AL047849, AI440263, AL048323, AW020270, AL048340, AI581033, AL121286, AL134920, AI274759, AI799313, AW029611, AI698391, AI702073, AI538637, AI472487, AL036265, AI623941, AI628015, AI801152, AI624693, AL135047, AI677796, AL036361, AI345543, AW090429, AI094749, AI433157, AW088698, AI784233, AI224373, AI564719, AL038529, AI973152, AI801325, AI567128, AL119497, AI918435, AI690946, AI342210, AI699823, AW132056, AW089844, AI635492, AW020397, AI540789, AI689033, AI860027, AI635942, AW104724, AI571439, AI564723, AW302988, AI798351, AI801605, AI587114, AI538885, AI872489, AI521128, N80395, AI812107, AI537809, AW075667, AI560545, AW148408, AI587441, AW029401, AI798456, AI670895, AI817373, AW073270, AI524654, AI610690, AI682971, AI469532, AI866801, AW300889, R20540, U46341, AW087207, AI859991, AI334893, AI432532, AI828583, AW410842, AI687362, AI866472, AI591101, AI609069, AW020419, AI648699, AI287449, AI678480, H41759, AA744531, U46350, AI440238, AI799183, AI538259, AI538764, AI745076, AI244249, AI583065, AI589428, AW152604, AI445829, AW055252, AW162194,

	AL043293, AI539780, AI493593, AI445025, AL043345, AI632997, AI499325, AI554827, AW086113, AA808175, AI310575, AI500523, AI310582, AI619502, AI049859, AW026882, AL047344, AI475371, AL041150, AI284517, U77594, AR060234, Y11587, AR066494, L10353, AL049283, A81671, M92439, AL137488, A76335, AL117435, AF073993, AL080150, E06743, I48978, AF004713, I89947, Z97214, AL137539, AF097996, AJ000937, Y16645, AL050172, AL110222, AL133080, AF047716, E05822, AF139986, AL133061, AF126247, AF057300, AF057299, I68732, A21103, A08913, AL137548, A77033, A77035, AL137271, AF124728, AL117443, AF177401, AF106862, AR038854, AL122110, AF090934, AF100931, I33391, AF113019, AF090903, AL023657, A18777, M85164, D83032, I28326, AL049300, AR060156, A08912, AL137476, A08911, AL133560, A08907, AF113694, AR054110, AF031147, M96857, AF090900, AL122093, E06788, E06790, E06789, AF140224, AL117635, I33392, I48979, AF038562, AL110221, AL050116, S77771, AF201468, S76508, I79595, AF002985, L04849, X82434, AL049996, A65340, AL110196, A76337, AL080154, AB026436, AL110225, X83508, AL137267, AR011880, A08910, S78214, A12558, AL133637, AL133623, A08909, X66862, A65341, AL050024, AF215669, AL137640, AF115392, AF183393, AL117457, AL050149, AL137533, AF146568, AL080074, AR069079, I89931, AL122116, A08908, AR029490, AF118090, AJ003118, AL122121, AL117429, AR068466, I00734, AL096744, AF067790, AF028823, AL137526, AL117463, AF080068, AL050277, X52128, AL133075, E00617, E00717, E00778, S68736, U78525, AL117575, AR034821, AL133112, X59414, D16301, AL080124, AF111112, AL137478, Z72491, AL110158, AF125948, U42766, AR050959, U55935,

				<p>AF091084, AL136884, X87582, AL049382, AL133557, I32738, Z35309, I08319, X63410, AL117587, AF087943, U67328, AL117416, AL133624, AL137529, A58545, I09499, AL050146, U72621, AL096751, AB029065, AL110269, A15345, A08916, AF090901, S83456, A86558, AL122050, AF017152, AF039138, AF039137, AL133568, AR038969, X65873, AJ001388, I03321, AC007221, Y17327, AR013797, AF113690, AF076464, L04852, AL137557, X79812, AL133640, I52013, AF111849, AL122100, AF117657, AL110228, AL133113, AL050393, E01614, E13364, AL122049, AL137479, AF090896, X06146, AL110199, A12522, U83980, AL080118, AL049347, AL117644, U76419, A83556, AL137258, AF141289, AL117460, X01775, X99226, I18358, I34395, AL049452, AL137550, AL133665, AJ005870, U49434, AL137298, Y11254, AF111851, AL137459, AF159148, AL137538, X84990, Z37987, Y09972, A07647, AF199509</p>
569	HNSAD12	874570	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2070 of SEQ ID NO:569, b is an integer of 15 to 2084, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:569, and where b is greater than or equal to a + 14.</p>	<p>AW328196, AI885301, AI304846, AA305101, AA887010, AI805100, AI088777, AI807695, AI700200, AI582267, AA916924, AA707601, AA305064, AA975048, R56174, N35057, W69554, R61513, AI307316, AI858214, AA503755, AI559653, AI269422, AI799075, AI350312, AI308155, W69265, R53277, N91631, AI304832, AI418100, AI141947, AA975077, H08040, AI028322, AI659233, R55901, AA873740, AI366861, AI240182, R39807, R18693, T35958, H14874, AA583775, N68739, R55726, T16796, AI928120, R42071, AA083596, AA921690, F08538, AA401365, AI262465, W20149, T78296, AI797524, R41709, R52623, Z41511, AA962278, AW008743, AA588240, AW078949, AA568364, AI933255, F02418, AA608896, F04283, T35959, R61569, AI874285, R18545, R41531, R18163, H25141, H07934, F04502, T35961, R55816, R18494, R56062, F08274, AA917565, R55741, AI479201,</p>

570	HBIEN48	874571	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 968 of SEQ ID NO:570, b is an integer of 15 to 982, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:570, and where b is greater than or equal to a + 14.</p>	R12760, AI248995, N45070, T83763, D20863, R41342, F08044, F01990, F06146, AI014439, AI921998, AI253051, AL117555 AI684897, AI200892, AI478735, AW274694, AI798122, AI554564, AI554553, AI681112, AA576942, AI281053, AI311456, AA291322, AI347538, AA291323, AA835642, AI417683, AW015465, AI620444, AI659037, AA731234, AA642457, AA689434, AA731232, AI797545, AI425078, AA947102, AI280944, AA809333, AA732232, AA737649, AA514684, AI335411, AI953765, AL039011, AW005614, AI954721, N29277, AW089006, AW129947, AI870198, AI280607, AI493740, AA848053, AI560679, AW029611, AW020397, AI589428, AI872722, AI475817, AI434242, AI866624, AI538805, AI567968, AI361586, AI241800, AI358685, AI918370, AI401699, AI572017, AI744243, AI634919, AW169462, AI631796, AI274553, AA836606, AW151652, AI689614, AI884419, AI538692, AI540606, AI375730, AI583578, AI824557, AI610681, AI699011, AI669015, AI954265, AI689077, AI648502, AI537925, AI634244, AI362637, AI564290, AI826230, AI500113, AI349012, AI318603, AI564144, AW074172, AW303152, AA575874, AI684129, AI345778, AI453328, AI621171, AW080076, AA831984, AI537677, AI701074, AI889306, AL135618, AI620007, AI250627, AW194185, AI539687, AI887214, AI469516, AW129433, AI284020, AI221076, AW102858, AA602479, AW327759, AL047184, AI590943, AI859123, AW192245, AI356065, AI249274, AI520785, AI559558, AI570966, AI682891, AW080326, AI630947, AW008090, AI360560, AI241812, AW265004, W45039, AW080717, AI783861, AI909661, AI452993,
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571	HWMBM1 3	874573	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 858 of SEQ ID NO:571, b is an integer of 15 to 872, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:571, and where b is greater than</p>	

572	H6BSM15	874577	<p>or equal to <math>a + 14</math>.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 719 of SEQ ID NO:572, b is an integer of 15 to 733, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:572, and where b is greater than or equal to <math>a + 14</math>.</p>	AA775778, AA757125, AI150241, AA838682, AA069888, AI224530, W37073, AI571201, AA280088, AA180829, AA551358, AI198896, AA789242, AI088743, AA313833, AI301947, W46182, AI335114, AA723621, AA242964, W63551, AI041609, AI091063, AI859174, AA244165, AI359616, AI219023, AA095041, AA961762, AI022251, AI804039, AI808187, AA180788, F36871, AW005459, AA588269, AI223243, AA778139, AI004938, AA515424, AI804041, AI423085, AW183600, AI186337, AI494381, R99921, AI333959, AI743641, AA658557, AA031356, AA242808, AI769255, AA057167, AA244351, AI193789, AI122572, F28054, AA694424, AI289215, AA706689, AW265213, AI025858, AA242829, F34646, AA627819, AA235287, AA303477, AA988111, W95169, W95132, AA737959, AA665063, AW008787, AA242783, AA255455, AW296694, AI298829, AI582739, AA339643, AI435326, AI350635, AA280017, R15811, AA860877, AI056366, AI126978, AA879084, AA815469, N89766, AA483997, AI208662, AA070800, AI720351, AA483308, AA385786, AA705997, AI360959, T84830, AI360958, AA256788, AA491729, N90283, N56211, F30199, AA973367, AA865322, W37072, AA031599, R99742, AW074437, AA299478, T25729, AI581807, AA773488, AA854587, AI160483, AA773691, AI393846, T66437, AI079152
573	HCQBD30	874578	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 555 of SEQ ID NO:573, b is an integer of 15 to 569, where both a and b</p>	AW205864, AW192638, AW006385, AW005483, AA824263, AI142819, AI344314, AA471050, AI675040, AI738525, AI869254, AA603649, AI826701, AW136422, AA349312, AA352245, AA513376, AI473902, AI307409, AI335461, AI344116, AI344927, AI344925, AI345107, AW268275, AA564375, AI307434, AI318231, AW057846, AI344946, AW090819, AW207567,

574	HTEEZ83	874580	correspond to the positions of nucleotide residues shown in SEQ ID NO:573, and where b is greater than or equal to a + 14.	<p>AI868916, AI685626, C01650, AI348979, AI345050, AI349742, AI349945, AI252714, AI335443, AI792528, AI366990, AI309420, AW268933, AW268740, AI311280, AW303051, AI345584, AI591260, AI612044, AI583824, AC001228, AC005950, U89364, AF000571, AJ006345</p> <p>AI652168, AI651235, AL042672, AA400642, AA400512, AA858062, AI088345, AA723155, AI338998, AW044201, AW136063, AI884679, AA705472, AA262758, AA704320, AA291080, AI811206, AA723178, AA291079, AA262837, H05256, AI968448, R24786, AI910465, AI025371, R24812, AI797676, AA724915, AA541358, AA343915, R45518, R14022, T87745, AA134231, AW247425, R16262, R15757, AA284134, R22161, AI699575, AW387568, C05949, W74109, R45541, AF168132, AL080140</p>
575	HBXCF35	874581	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1704 of SEQ ID NO:574, b is an integer of 15 to 1718, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:574, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1530 of SEQ ID NO:575, b is an integer of 15 to 1544, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:575, and where b is greater than or equal to a + 14.</p>	<p>AA127739, AI742154, AI333531, AI052663, AA127793, AI692283, W45616, AA846495, AA481573, AW008912, AA281508, AA287977, AW166514, AI159991, AW167523, AA281507, T96310, AW137033, T96311, AA811477, AA731897, AA743738, AA826191, AA831820, AA767556, AA481261, R39181, AA731754, AA013312, AI569091, AI300619, AI598243, AI095640, AA287919, AA133808, AI809743, AA452275, AW028689, F10571, AA452825, Z39078, AA286960, AA412437, AA911547, AA910396, AA885060, AA694317, AA215310, T98829, AI972552, AA133667, T99133, AA428756, AA452964, AA496281, T07471, W22515, AA991752, AA707671, AA670160, N99622, AI914231, AA872108, R84735, AA412436, W45562, C02163, AI884622, AP000516, AB014087, AC004190, AB014086, AC004188</p> <p>AA609891, AL121603</p>
576	HWMBF85	874584	Preferably excluded from the present invention are one or more	



577	HCROA06	874588	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 646 of SEQ ID NO:576, b is an integer of 15 to 660, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:576, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 560 of SEQ ID NO:577, b is an integer of 15 to 574, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:577, and where b is greater than or equal to a + 14.</p>	<p>AW025497, AA934033, AW027391, AI279552, AW190440, AI829980, AI936913, AA493644, AA493494, AW015057, AA179182, AA664457, AA321511, AI912710, AA081836, AI879337, AA150887, AA452922, AA366205, AA493856, W81213, AW168414, H47788, W37231, W30867, AA587437, AW170353, AA334943, AI057549, AW385257, AW387041, AA595193, N80045, AI346027, AI718738, AW163282, AI702793, AW382665, AA339133, AL137514</p>
578	HAPAY77	874590	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 925 of SEQ ID NO:578, b is an integer of 15 to 939, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:578, and where b is greater than or equal to a + 14.</p>	<p>AA490685, AI753700, AI214598, AA527740, AA651751, AI417662, AI673636, AW302471, AI984768, AA628084, AA501592, AI537648, AA664579, AA490463, AA357394, AI915016, AA410310</p>
579	HUSYW93	874592	<p>Preferably excluded from the present invention are one or more</p>	<p>AW294990, AI609583, AI708016, AW006108, AW163632, AA054347, AI076486, AA805672,</p>

		<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 764 of SEQ ID NO:579, b is an integer of 15 to 778, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:579, and where b is greater than or equal to a + 14.</p>	AA063039, AA430074, AA888790, AI014918, AI828713, AI221602, AA579954, N57530, AA593129, H91141, AW130274, AW408192, AW162983, AI536783, AW131695, AA541779, T99047, AW075255, R64292, AA687588, H63290, R64176, H63732, AI927555, R77508, R84822, AA506597, H83676, AA320359, AI818493, AI688753, H91189, AA719412, AA063074, AW059671, R00556, H94447, C01999, AI280539, R87805, AW009011, R48665, H99403, R62277, F28513, R50507, AA093376, R00662, H94441, H21809, AW265154, R50593, AI918452, R48566, T25095, AA089719, W37374, AI924051, AW151974, AI686576, AW022904, AI363944, AA838319, AA641818, AI866469, W60360, AA715307, AW087217, AI872423, AI866465, AA761557, AI801325, AI673278, AA809974, AL038635, AI538850, AI859991, AI582932, AI633125, AI815232, AL045619, AI889189, AI567971, AI927233, AA748353, AI491842, AI114461, AI440238, AI559752, AI686565, AL048538, AI631240, AW020693, AI611728, AI923989, H41759, AI469754, AI912573, AI086783, AL045375, AI889191, AI890907, AW160905, AI909661, AI049859, AI613038, AA587120, AL121328, AA282824, AI827229, AI521560, AL080011, AI683395, AL045620, AI887785, AI798404, AI471909, AI289791, AI683568, AL121270, AI064830, AI590043, AL079963, AL121463, AI539800, D44497, AR015970, AF076464, AL117590, AF090934, AL133049, E12888, Y10936, AL137281, AL133015, AL133558, X57961, AL122049, D87747, Y13350, E08516, AL117635, I68732, A20553, U30290, X70685, L04504, AC004200, A08907, X72624, AR034821, AL080234, Y09972, Y13653, A08908, X06146, U42766, AF069506, AL117457, M85165, AL137275, AL133072, AL133623, AI2522, AL122110,
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580	HCROE11	874594	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 612 of SEQ ID NO:580, b is an integer of 15 to 626, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:580, and where b is greater than or equal to a + 14.</p>	<p>AL133080, AF080622, AF126247, AL133053, AL133031, I28326, U02475, AL117582, U75304, AL049426, AL133113, D83032, I89944, I89934, AC003686, AF026816</p> <p>AW176083, AA318915, W22801, AI685631, AF123462, L14851, L27869, AB018286, AJ006804</p>
581	HWLVF65	874595	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 631 of SEQ ID NO:581, b is an integer of 15 to 645, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:581, and where b is greater than or equal to a + 14.</p>	
582	HWLWU6 2	874601	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 355 of SEQ ID NO:582, b is an integer of 15 to 369, where both a and b</p>	<p>AL043791, AC005630, AC006328</p>

583	HWLFG75	874603	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:582, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1255 of SEQ ID NO:583, b is an integer of 15 to 1269, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:583, and where b is greater than or equal to a + 14.</p>	<p>AI356559, AW163067, AA443325, AW005140, CI8386, RI5375, RI7389, R60462, HI6941, AA442531, AA740299, AA025666, AA443338, R42116, R60229, R42625, AW444512, AW450707, AW157098, AA724594, AA978110, AI810652, AA927875, AI924004, HI6834, AI886594, AI376913, AA609873, AW173645, AA578062, AA578362, AA467933, AI147260, R52646, AI672253, AI347103</p>
584	HBCCB62	874605	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1929 of SEQ ID NO:584, b is an integer of 15 to 1943, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:584, and where b is greater than or equal to a + 14.</p>	<p>AW361899, AW360942, AA152037, AW376508, AW360762, AW376484, AW377034, AA143780, AA130547, AW377083, AW362544, AA316326, AW062530, AW360980, AW376475, AI813806, AW361304, AA581220, AI829351, AW363244, AA053595, AW376234, AA132781, AA055605, AA099810, AW391364, AW364488, AW360772, AW376489, AW364936, AW376483, AA133927, AA827515, AI891116, AA053542, AA132613, AI590356, AA134894, T29557, AA366310, AA580464, AW360788, AW383505, AW383507, AW362547, AW364960, AW383659, AA127122, AW376062, AW337334, AA134921, AW383465, AW176585, AW383654, AA132368, AW377162, AW360989, AA130584, AW375981, AA366576, AA055606, AI926514, AA151939, AW362727, AA132490, AI940543, AA132688, AL121028, AA126970, AW374618, AW376560, AA327327, AA148141, AW007961, AA053080, AW393447, AW383479, AW193074, AW383495, AA058456, AW383456, U53097,</p>

585	HWLVN89	874607	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 563 of SEQ ID NO:585, b is an integer of 15 to 577, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:585, and where b is greater than or equal to a + 14.</p>	<p>AW373781, AW373783, AW373636, AW373627, AA134992, AI940526, AW373707, AW361514, AW365061, AW372246, AW176545, AW375748, AW373705, AW360825, AW375755, AW375758, AW363272, AW375920, AW375781, AW375773, AW391821, AW360800, AW388881, AW389306, AW301319, AW363275, AW361642, AA100303, AW376258, AW389268, AW374922, AW376502, E01630, M15042, M29540, M17303, I08156, AR044683, A43169, AR052807, AR052808, A39900, M16234, X16455, I08155, AC004558, I08165, M29541, A43167, I08158, M18216, M18728, E01972, E01971, X52378, D90064, X16356, I08161, A43165, D12502, I08160, J03858, I08159, I08157, X16354, I08137, D90313, E03352, D90311, E03350, M69176, M72238, D90312, E03351, AC004785, AC005797, X16454, X98311, L31792, AF006622, E03349, D90278, M59256, M59260, M59258, M59257, M59259, M59261, U04349, M59262, M76742, M59709, S74647, A37261, X62151, M16337, M17082, L00693, L00692, D90277, E03348, M22433, AA631275</p>
586	HTXQF81	874608	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AA828034, AI379959, AI857494, AA766435, AA251105, AA252357, AW449785, AA811081, AA825520, AA626324, AW451092, AI281315, AI281259, AI653216, AA767770, AA961612, AA884914, AI910531, AA883131, AI117637</p>
586	HTXQF81	874608	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AI346435, AI813687, AI523881, AI246030, AI565163, AA402794, AA477593, AA161137, AI394235, AI814324, AW328354, AA873099,</p>

		<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1226 of SEQ ID NO:586, b is an integer of 15 to 1240, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:586, and where b is greater than or equal to a + 14.</p>	AA887676, AI280907, AA622341, AA161115, AW386295, AA421577, AA552244, AA574027, AA453330, AI523581, AA826619, AA464842, AA766218, AI246562, AA429353, N63397, AA464528, AA293567, N98676, AI688036, AA897561, AI831467, AA424522, AA160777, AI381579, AI991221, AA130549, AW001996, AI992166, AI857333, AA424374, AA430526, AA777100, AI148183, AA026078, AI332571, W92874, AA099121, AI057323, AI174284, AA421006, AI800148, AA293398, AA856632, AA159370, AA453201, AI720789, AW001345, AA430611, AA428764, AA130586, AI819980, AA856698, AI831247, AA434191, AA808470, AW406028, AW386371, AA029925, F22574, AA454167, AA402802, AW272436, AI801083, AA430426, AA999657, AA832420, AA857226, AI871010, AI273391, H47425, AI598093, AA830492, N73100, AA826723, AI904954, R96443, AA086361, AA449966, AW193589, AA505268, AA315443, AA053737, AW304217, AA158842, AA947200, AA921703, AA115286, AA758930, AI304791, H69012, AA429056, AW302628, AI091522, AI299197, AW328355, AI719387, AI086972, AA661521, AI935183, AA053217, AI337894, AA588803, AI347946, N66153, AI498213, AW069810, H75395, AI587160, AW387616, AI091629, AW387528, AA402306, AI457944, AI923632, AW387610, AI214251, W17167, AI934695, AW387609, AI089510, AA723089, AA687919, AA159162, AW387605, AW387556, AI718119, AW387612, AW387532, AI261968, AA527012, AW387677, H47338, AW387679, AA759077, AA340466, AW387539, AI261532, AA029924, AW387625, AA761238, AI830407, AW387557, AW387547, AW387583, AW387607, AW387533, AA043896, AI479890, AI907892, AW387587, AA371931, AW387516, AI125665,
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587	HCQDD61	874609	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 861 of SEQ ID NO:587, b is an integer of 15 to 875, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:587, and where b is greater than or equal to a + 14.</p>	<p>AW387597, AW387585, AW387688, AI719846, T99527, AW387608, AW387554, AW387586, AA853552, AW387580, AA099122, AA025486, AW387559, AA379381, AA100577, AW387569, AA852809, AI863946, AA852810, AW387634, AW387584, AA496540, AW178502, AW387595, AW387596, AW366120, AW387553, AW387676, AA617664, AW387668, AI368248, AW387624, T99421, AI610373, AW387631, N92482, AW387694, AA451772, AA657982, AA361238, AA320810, AW379792, AW387558, AW387602, AI720333, AW387646, AW387695, AW387648, T29194, AW387550, AA513191, AI197850, AI939998, AA477464, AW387515, AW387641, AW387601, AW387667, AW263462, AW387636, AW387510, AA161192, R96442, AW387702, T95659, AW387627, AW387591, AW387640, AA290976, AW387544, AW387630, AI707897, D20308, AA159099, AW387621, AW387687, AW082041, AA159106, AI907826, AW387655, AA285059, AA853553, L09604, AF196779, U93305, U16149, AA159465, AA629238, AI364502</p>
588	HMCZ52	874610	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AI541205, D50992, T18597, D59751, Z33559, Z32887, AI525500, AI557312, AI557082, AI557533, AI525302, AI535639, AI535660, AI525556, AI557262, AI526078, AI536138, AI541321, N71206, AI525852, AI525316, AI525661, AI557084, AI541450, AI557809, AA058620, AI541075, AI536150, AI541365, AI525856, AI541353, AJ239433, AI557474, R29657, AI546829, AI541034, AI541346, AI540974, AI536070, AI547177, AI535994, AI557408, AI557543, AI557039, AC006544, AC007387, AR050070, A62298, Z30183, A62300, A82595, A82593, U94592, U45328</p>
588	HMCZ52	874610	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AI638649, AA554045, AI916034, AW363225, AW363239, AW363251, AI636959, AA994913, AW195875, AW363235, AW363241, AI824374,</p>

589	HDPMG95	874611	nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1503 of SEQ ID NO:588, b is an integer of 15 to 1517, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:588, and where b is greater than or equal to a + 14.	AA928829, AW363263
590	HETAD58	874612	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 857 of SEQ ID NO:589, b is an integer of 15 to 871, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:589, and where b is greater than or equal to a + 14.	AI800642, AW263554, AI887303, AI458021, AA314882, AI130978, N26710, AW241266, AI699405, AA182774, AI360350, AI311855, AI005375, AI271798, AI311844, AI160723, AA742481, AI566528, AI698216, AW129007, AA492214, AI743839, AI266624, AI301005, AI287538, AA659788, AW268889, AA905272, AA582830, AA046335, AI202764, AI300917, AA927589, AA513425, Z25235, N67557, AA471214, N34591, AA878914, AA298547, Z28858, AA639426, AI337479, AA770439, AA598461, T57131, AI557848, T57062, AI951303, AI183850, AW362063, I95752
591	HUFAT62	874614	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1552 of SEQ ID NO:590, b is an integer of 15 to 1566, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:590, and where b is greater than or equal to a + 14.	AL043714, AA594012, AA127722, AW119061, AW303419, AI972370, AI435432, AI492876, AI826550, AW294638, AA127777, AI379516, AA131029, W30941, AA778421, AI768172, AA476693, AA424521, AI351027, AI276089, AA424355, AA927857, AI827221, AI810729, AA961627, AA723153, AA723176, AW303969, N59379, N76483, AA496984, AA812119, AI867487, N59361, AI082110, N29744, AI148665, AI904996, T51025, AA142848, AA912758, AI283747, W02732, AI282438, AI369934, T51117, AW183449, AA863467, AI382967, AA490582, AA813469, AA336481, R43451, AA863119, AI092645, N76464, F34319, AI870701, AA090677, AC004827, AB028994
591	HUFAT62	874614	Preferably excluded from the	AI824005, AI307247, AI625754, AW261982,



592	HODCH47	874615	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1178 of SEQ ID NO:591, b is an integer of 15 to 1192, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:591, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 387 of SEQ ID NO:592, b is an integer of 15 to 401, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:592, and where b is greater than or equal to a + 14.</p>	<p>AI679467, AI078259, AA122264, AI335252, N27830, AA994930, AA111902, AI498311, AA373210, AI625756, AA633551, AA455980, N21680, AA085843, AA938642, H91768, AA371497</p>
593	HWLVI80	874618	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 640 of SEQ ID NO:593, b is an integer of 15 to 654, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:593, and where b is greater than or equal to a + 14.</p>	<p>N30618, AA740983, AI128279, AW377181, AI160827, AI128274, AI222682, AI872758, AI590486, AI399979, AA523695, U93305, AF196779, AF165926, AC004983, Z85986, AL031681, U80017, AL033527, AC006160, AF045555, AL132712, AP000036, AL050307, AC002470, AL121603, AL031003, AC006255, Z98884, AF001549, AC005300, AC005031, AC004033, AC005486, AC007386, AC005189, AC005288, AL024507, AL049569, L44140, AC005412, AL022721, AP001063, AC005924, AC009509, AC005081, AL050332, AL049699, AL049631, AC002456, AP000345, AL021154, AL035458, AC007041, AC005730, AL049759, AC006367,</p>

594	HNGBW96	874619			AL035413, AP000510, AC007688, AC002418, AC004386, AC005800, AL080243, AC007899, Z99495, AL034420, Z97832, AL049589, AC004000, AF111168, AC006071, AC005011, AL049856, AC002544, AC005071, AC005736, AC005332, AC005057, AP000155, AC009516, AL109627, AC005562, AC005899, AC004382, AF053356, AC007327, AP001052, AC006241, Z97989, Z82244, AF196971, AC004253, AP000047, AC004805, AL139054, AP000263, AC002288, AC002394, AF030453, AC004813, AC005377
					AA748492, AA281066, AI038581, AI042300, AA588218, N95542, AA243343, AA448626, AA603589, AA452281, AA824559, AI524537, T50481, F10009, AI004187, AA810738, T63277, C01253, AA876044, AI557234
595	HOSOL09	874620			AI913535, AI762854, AI677912, AI758705, AI825702, AI740876, AA412665, AI800271, AA883055, AI823434, AA134753, AA845774, AA491093, AW204604, AA598723, R73497, AI535824, R73498, AA134752, AI535821, D62016, AI332677, AA993841, AA293681, AI598069, R77771, N68128, AA761684, AW370473, AW370408, AI758562, AI754802, AA075272
596	HWLMK5	874621			AI718512, AI748996, AI951481, AI745085,

6	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1583 of SEQ ID NO:596, b is an integer of 15 to 1597, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:596, and where b is greater than or equal to a + 14.</p>	<p>AI809713, AW188163, AW103479, AI721217, AW007667, AI828182, AW004850, AI628538, AI686915, AW070523, AI962963, AI697298, AI471537, AI635101, AI889467, AI978632, AW190605, AW167961, AI571882, AW129970, AI922593, AL047838, AI579919, AW055284, AI955311, AW242156, AW272287, AI743468, AW129586, AI624711, AI625272, AI684079, AI679591, AA424668, AI679333, AI469222, AI571037, AW029090, AI809712, AA130871, AA528645, AI459465, AI540550, AA528637, AI024785, AA406196, AA411381, AA577525, AI333612, AI687294, AI241214, AI299682, AA483903, AA847578, AA424571, AI889684, AA502398, AA580416, AA130926, AA835115, AI707527, AW075441, AI216279, AI886530, AI579897, AI285185, AI285353, AA908633, AA724605, AI219442, AI269213, AI038566, AW196292, AW361641, AI824537, N92767, AA527850, AI475347, AI078813, AA443854, AI074078, AA846205, AI803815, AI300799, AA983659, AI689710, AI289495, AI022819, AA548485, AA554075, AA235136, AW193746, AI538623, W33013, AA158014, W32964, AI123271, AA635113, AI567018, AA157929, AA526284, AA113218, W39707, AI702978, AA137210, AA446644, AI364251, AA493629, W15485, W19420, W35400, W37704, R81916, AA146623, AI494071, AW132100, AA055858, AI215543, AA158159, AI625623, AI284796, AA160230, AW372994, AI362334, AA234829, AI890170, AA492337, AI540630, AA975975, AI355511, AW372993, AI273060, AI269466, AA121220, T92910, AA921713, AI879463, AA911150, AA121180, AW188810, AA160229, AI420818, AI027882, W37705, AI261387, AA952991, AI459610, R81812, AI471346, AI287287, AA975982, AA056345, AI868149,</p>
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597	HWMBE67	874622	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 588 of SEQ ID NO:597, b is an integer of 15 to 602, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:597, and where b is greater than or equal to a + 14.</p>	<p>AI364013, AA843969, AI648613, AW189830, AI860872, AI264210, AA991650, AI870054, AA055808, AA157928, AI540417, AA948420, AW168044, AW149942, AW168037, AW385044, AI459644, AA143554, AI340883, T27688, AW051181, AA319982, AI886222, AI611741, AA158227, AI926113, AW025152, AI687877, AW050533, AI521903, T10928, AI648637, AI915472, AI682186, AI473510, AW364115, W31924, D25749, T93002, AA136491, AA053153, AW189650, W31719, AA056712, AI559842, AA121076, AA659825, AA610345, M33011, X14758, M26481, M32306, I06776, M93036, M93030, M93029, I06778, M93034, I06777, M93033, M93031, M93032, M93035</p>
598	H2CAA08	874623	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 418 of SEQ ID NO:598, b is an integer of 15 to 432, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA617802, AI027663, AP000542, AJ239321, AC007036, AC002379, AF117829, AL031074, AL031054, AC006465, AL133247, AL133396, AF003530</p> <p>AA306953, U53823, U49184, U49221, U49185, AB016425</p>

599	HCRNH24	874624	NO:598, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1305 of SEQ ID NO:599, b is an integer of 15 to 1319, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:599, and where b is greater than or equal to a + 14.	AI680732, AA129660, AA932629, AI302712, AW296343, AW103527, AI696519, AA889147, AA962323, R85409, AA342648, T78937, N71662, H90863, H82431, H95348
600	HUFDO17	874625	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 959 of SEQ ID NO:600, b is an integer of 15 to 973, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:600, and where b is greater than or equal to a + 14.	AI219807, AA459990, H47315, H03229, AA461319, R96595, H83599, D79440, AW022256, AA249406, T06164
601	HE8QX06	874626	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1459 of SEQ ID NO:601, b is an integer of 15 to 1473, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	AI655888, AA496957, AI082409, AA481278, AA256248, AA424608, AA255986, AA481584, R72315, W92878, R16032, AW008646, R66195, AI669890, H56520, R67074, AA401875, R72278, W92777, AA480879, R62194, AA398470, R62168, R62278, R26962, AI572490, D63178, H56702, AA835846, R26733, AA424540, AI745338, AW051062

602	HWMCF68	874628	<p>NO:601, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 467 of SEQ ID NO:602, b is an integer of 15 to 481, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:602, and where b is greater than or equal to a + 14.</p>	<p>AA873395, AI732843, AI732974, AI245199, AI791371, AA746322</p>
603	HWAGI58	874630	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1653 of SEQ ID NO:603, b is an integer of 15 to 1667, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:603, and where b is greater than or equal to a + 14.</p>	<p>AI928153, AW293147, AI922880, AW189087, W38669, AA436733, AA406426, AA488113, N92583, AI949783, AW002403, AI671171, AI620653, AI597676, AA664702, AA410435, AA484729, AI554442, W37186, AI424838, AA570240, AA227850, AI083617, AI401498, AI440533, AW148677, AW449553, AI521319, AI290235, Z33599, AA137130, AI813887, AW021759, AA127412, AW029443, N22858, AA719092, C03295, AI806504, AA137059, AI184062, AI754123, AI273172, AA151253, H03753, N62604, AA262368, AA872321, AA528398, T31453, AA860343, H99866, AI355764, AA669437, AI457200, Z25006, AI784096, AA854278, H02858, AA610238, AA151252, AA812799, AA860538, R22379, N78372, AI753885, R21529, N30375, AI872973, AI799035, R53933, D62118, R26946, AI699830, R21637, R58459, C02929, R31678, R26721, R21879, AA722471, AI565876, AW293611, R31720, AI791789, AI791785, AI858806, AI536978, AI733374, AI733378, AA971532, AA971635, AA748757, U72935, U72936, U72937, U72938, U75653, U97103, AL109753, X83753, AL021328, U09820</p>

604	HAAAA25	874631	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1179 of SEQ ID NO:604, b is an integer of 15 to 1193, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:604, and where b is greater than or equal to a + 14.</p>	<p>AI680985, AA554513, AA877139, AA807892, AA514409, AI250782, AI214214, AA625531, AA593396, AI224033, AI016409, AI538453, AI281360, AI274110, N22772, AA722760, AI093842, AI249030, AI539329, AA550843, AI140319, AI828736, AA972406, AI688907, AI337957, AI339781, AI278350, W87861, AA975567, AA857219, AW167933, W87741, AI474024, AI538452, AI278811, AA464600, AA477850, AA527483, N31654, AA857170, H58025, AA235530, AI051600, AW384171, H24033, AW384172, R45453, AW023520, AW384760, AI989439, AA737307, AA923634, AW129709, T29737, AA568370, AA477744, AA641366, AA344094, AA298522, R11264, R43413, AI286350, F02958, AA908416, AA908367, AA703369, AW021464, R48004, AA304930, R11207, H57934, R43857, D19854, AA410662, AI003385, AR009803, K00535, J00120, D10493, M38057, L00058, X54629, K01906, X00198, K02276, M88115, V00568, M88116, M22728, X00247, X97040, X13232, Y00396, Z68501, K01904, E01841, L00039, X01023, X00197, M15078, X95367, M25762, U37688, A76272, M19724, X66258, U62109, X53248, AF076523, M13930, I24429, I24433</p>
605	HHEIW79	874632	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 424 of SEQ ID NO:605, b is an integer of 15 to 438, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:605, and where b is greater than or equal to a + 14.</p>	
606	HNGGK17	874635	<p>Preferably excluded from the</p>	<p>AI738940, AI823886, AI738657, AI922948,</p>

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2660 of SEQ ID NO:606, b is an integer of 15 to 2674, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:606, and where b is greater than or equal to a + 14.</p>	AW151581, AW149592, AI589830, AI589257, AI925870, AI954062, AI567725, AI583988, AI092891, AI813322, AI888900, AI144269, AI934468, AI201811, AW385059, AA010762, AA402611, AI377794, AA313622, AA885094, AA406315, AA411291, AI809416, AI200547, AI694616, AI311372, AI359746, AI284191, AI446577, AA250735, AI359731, AA421634, AI141252, W04357, AA459305, AI344678, AA905976, AA011123, AI916640, AI985038, AI693949, AA040561, AA741284, AA459536, AI751888, AA934389, AI910848, AI378236, AA410941, AI621273, AI274157, AI652270, AA622327, AI367816, AI216339, T54296, AA131112, AA402667, AI347253, AI274675, W96147, AA601964, W96281, AA058886, AI751889, AI884899, T32260, AW050753, AW016844, R83684, AW004614, AA100722, AA335522, AI283677, AA077166, AA232900, AI473399, AA340606, T54403, AI205557, AA045493, N33747, AI365391, AA353120, AA503782, N74265, AA131084, AA501834, AI383529, AI383218, C05771, T16555, AA601954, AA410741, AA293312, AI383672, AA232901, AA235598, AA291831, AA443910, AW376496, AA988530, H21820, AA994695, AA477067, AA077245, AI266246, AW304069, AF068229, AF046889, AF046783, AL049952, AC004876	
607	HCRQG35	874636	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1595 of SEQ ID NO:607, b is an integer of 15 to 1609, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	AI740748, AI110389, AA811379, AA782486, W19409, AA878648, N90129, W16730, AW102682, AI051040, AA805166, AI868693



608	HSODQ11	874638	NO:607, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 906 of SEQ ID NO:608, b is an integer of 15 to 920, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:608, and where b is greater than or equal to a + 14.	AI806674, AI336314, AW117211, AA854185, AW206748, AA777170, AA862948, AA618065, E17301, AB024568, AB007917, AF060178, D88811, E17300
609	HWLMR54	874639	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 269 of SEQ ID NO:609, b is an integer of 15 to 283, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:609, and where b is greater than or equal to a + 14.	AA971969, AI768790, AW134542, AI493522, AI681577, AI952974, AI559404, AI953261, AW390824, AL042965, AI142137, AI142139, AL119483, AL134538, AL134920, AL134531, AL134533, AL042896, AL119497, AR060234, AB026436
610	HWLNI19	874640	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 484 of SEQ ID NO:610, b is an integer of 15 to 498, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	R63925, AA809424, AL134524, AL045327, AL134110, AL047163, AL042898, AL045328, AL037295, AL038651, AL038838, AL037343, AI547295, AL038983, AI142134, D29033, AL037727, AL037436, AL037335, AL037323, AI318479, AL135012, AL037443, AL038532, AL038761, AL038822, AL037435, U46344, AL040472, AL043941, AL039432, AL045753, AL044125, AL038878, AL043923, AL043814, AL047012, AL041238, AL044186, AL040617, AL043845, AL041347, AL040193,

			NO:610, and where b is greater than or equal to a + 14.	AL040444, AL040463, AL047170, AL044037, AL041635, AL040294, AL044064, AL041459, AL041577, AL044162, AL042135, AL047219, AL040625, AL045684, AL041752, AL046850, AL040768, AL045671, AL046994, AL046914, AL048714, AL040052, AL043496, AL043538, AL040621, AL040464, AL040510, AL043467, AL043677, AL040839, AL043492, AL041602, AL044074, AL041730, AL041523, AL043627, AL041374, AL043848, AL043570, AL047183, AL045494, AL042523, AL048657, AL046442, AL041324, AL049018, AL041133, AL039316, AL041098, AL040322, AL046392, AL040119, AL044272, AL044258, AL041168, AL041163, AL038040, AL041159, AL045817, AL045920, AL040148, AL079852, AL047057, AL040458, AL044187, AL041296, AL038041, AL041358, AL041292, AL040571, AL045990, AL044274, AL039338, AF176555, AR066494, AJ238010, A93923, D17247, A93916, AR064707, A93931, A85203, AR023813
611	HFPHT42	874642	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1055 of SEQ ID NO:611, b is an integer of 15 to 1069, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:611, and where b is greater than or equal to a + 14.	AI956173, AI807369, AI589822, AI571799, AI890926, AA028956, AA847313, AA709374, AA054754, AA029099, AI914642, R40748, H62853, N93504, R42692, AA027847, R38295, AI023016, AA872259, R42691, AF043293, AA026086, AI559787, AI474599, W21316, AA027880, AA053285, AW383148, AW383265, AW383202, AW362198, D59275, C14331, D80164, D80166, C15076, C14429, D81030, D59859, D59467, D51423, D80195, D80227, D59502, C14389, D80038, D58283, D80024, D80022, D59787, D80253, D59619, D80210, D51799, D80391, D80240, D80043, D80269, D80378, D57483, D80212, D50979, D80193, D80196, D80188, D80219, D59927, D80366, D59889, D50995, D59610, D51060, D80045, D80241, AA305409, T03269, AW178893, C75259, C14014,

	AA305578, AW177440, D51022, AW179328, D59695, D81026, AW378532, D80134, C14407, AI557751, D80522, D51250, D52291, AW178775, AW352158, D80268, F13647, D80251, AW369651, AA514188, D58253, D80248, D80949, AW178762, D80168, C14298, AI910186, C14227, D80064, AI905856, D51079, AW177501, AW177511, D81111, AA514186, D80133, AW360811, AW352117, Z21582, C05695, AW378540, AW176467, AW375405, AW377671, AW366296, AW360844, AW360817, D80132, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, D80302, D51097, AA285331, AW177505, D51103, AW352171, D80439, AW377676, AW178906, AW352170, AW177731, AW360834, AW178907, AW179019, AW179024, D59373, D80247, AW179020, AW360841, AW178909, AW177456, AW179329, AW178980, AW177733, AW378528, AW178908, AW178754, AW179018, AW179220, AW352174, AA809122, AW179004, AW179012, T11417, AW178914, AW378525, C06015, D80157, H62973, AW177722, AW177728, AW367967, AW179009, D51759, AW178774, AW178911, AW378543, D80014, AW352163, D80258, AW178983, AW352120, D58246, D59503, AI557774, AW178781, T48593, T03116, D59627, AI535961, D45260, D58101, C14344, AW177723, D59653, T02974, AW177508, AI535850, C14975, AW378539, AW367950, AW378533, H67854, C03092, H67866, AI525923, D59317, AI535686, AW177734, D51213, AW177497, AW178986, AI525917, D45273, C14973, N66429, D51221, D59551, D59474, D60214, AF035279, I33392, I33391, U31628, I33393, I33394, A84916, A62298, A62300, AJ132110, Y17188, AR018138, A25909, X67155, D26022, A67220, D89785, A78862, D34614, X82626, D88547, AF058696, AR008278, I82448, AB028859, AR025207, AR016808, A82595, X68127, Y12724, AB012117,

612	HLWCT94	874644	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 885 of SEQ ID NO:612, b is an integer of 15 to 899, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:612, and where b is greater than or equal to a + 14.</p>	<p>AR060385, A94995, A30438, AB002449, A85396, AR066482, A44171, X93549, A85477, I19525, A86792, AR008443, U87250, I50132, I50126, I50128, I50133, X64588, AR066488, AR016514, Y17187, AR060138, A45456, A26615, AR052274, Y09669, AR016691, AR016690, U46128, A43192, A43190, AR038669, AR066487, AR066490, I14842, AR054175, D88507, I18367, AR008277, AR008281, Z82022, D50010, AF135125, I79511, U79457, A63261, AR008408, AR062872, A70867, AB033111, D13509, A64136, A68321, AR060133, AR064240, U87247, AR060382, AF123263, AR032065, X93535, AR008382</p>
613	HWMBL25	874645	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 518 of SEQ ID NO:613, b is an integer of 15 to 532, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:613, and where b is greater than</p>	<p>AA478655, AA281301, AW195482, AI741900</p> <p>AA948091, AI453828, AI052644, R82937, H90431, R08446, AA886615, AA522578, J02960, M15169, X04827, X94608, Z86037, A65720, J03024, Y00106, X17607, L39264, AF000134, AF192345</p>

614	HWLOU23	874646	<p>or equal to <math>a + 14</math>.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 497 of SEQ ID NO:614, <math>b</math> is an integer of 15 to 511, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:614, and where <math>b</math> is greater than or equal to <math>a + 14</math>.</p>	R25818	
615	HWLOZ82	874650	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 491 of SEQ ID NO:615, <math>b</math> is an integer of 15 to 505, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:615, and where <math>b</math> is greater than or equal to <math>a + 14</math>.</p>	AW081540, AI479037, AW072272, AW117189	
616	HWMBF50	874651	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 764 of SEQ ID NO:616, <math>b</math> is an integer of 15 to 778, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:616, and where <math>b</math> is greater than</p>	AI245986, AA515492, AI673581, AC004080	

617	HLVAZ23	874652	<p>or equal to <math>a + 14</math>.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 736 of SEQ ID NO:617, b is an integer of 15 to 750, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:617, and where b is greater than or equal to <math>a + 14</math>.</p>	<p>AA868475, AW276441, AA483003, AW023737, H92076, AA603869, R47433, H92126, AL022329</p>
618	HWLNL53	874653	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 437 of SEQ ID NO:618, b is an integer of 15 to 451, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:618, and where b is greater than or equal to <math>a + 14</math>.</p>	<p>AI057197, AI868634, AI968927, AI969377, N21608, AI365444, AI792468, AI734237, W25410, AI284326, AA430371, AI111175, AA421352, AI989368, AW183729, AI864157, AI014596, AW263212, AW028627, AI340066, AI819819, AI821683, AI821592, Z22333, Z22341</p>
619	HWLOZ25	874654	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1066 of SEQ ID NO:619, b is an integer of 15 to 1080, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:619, and where b is greater than</p>	<p>AI300570, AA481010, AI741320, AW270128, AI923117, AA760756, AI700414, AI925690, AA931348, AI373110, AA410291, AI275438, AI806701, AI807284, AA410330, AA702457, AA629745, AA703535, AI698191, AI150957, AW085055, AA553435, AW264870, AW264869, AA805375, AI860479</p>

620	HWMBV2 7	874655	<p>or equal to <math>a + 14</math>.          Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 809 of SEQ ID NO:620, <math>b</math> is an integer of 15 to 823, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:620, and where <math>b</math> is greater than or equal to <math>a + 14</math>.</p>	AI248764, AW239443
621	HCRQH42	874656	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 706 of SEQ ID NO:621, <math>b</math> is an integer of 15 to 720, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:621, and where <math>b</math> is greater than or equal to <math>a + 14</math>.</p>	AW243038, AI084420, AC006008, AC005998
622	HWLOR14	874657	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 318 of SEQ ID NO:622, <math>b</math> is an integer of 15 to 332, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:622, and where <math>b</math> is greater than</p>	AI339915, N57314, N32216, AI206520, AI681296, AW025016, C21215, AI582927, AI640316

623	HWMBB0 3	874658	<p>or equal to <math>a + 14</math>.            Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 496 of SEQ ID NO:623, b is an integer of 15 to 510, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:623, and where b is greater than or equal to <math>a + 14</math>.</p>	H80552	
624	HWLOW5 7	874659	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 639 of SEQ ID NO:624, b is an integer of 15 to 653, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:624, and where b is greater than or equal to <math>a + 14</math>.</p>	AA916992, AA494070	
625	HWLOO77	874660	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 407 of SEQ ID NO:625, b is an integer of 15 to 421, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:625, and where b is greater than</p>	AI203411	



626	HWLOZ54	874662	<p>or equal to <math>a + 14</math>.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 486 of SEQ ID NO:626, b is an integer of 15 to 500, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:626, and where b is greater than or equal to <math>a + 14</math>.</p>	AA743433, AA813913, AA441931, AW305281, H11884
627	HWLMO1 9	874665	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 531 of SEQ ID NO:627, b is an integer of 15 to 545, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:627, and where b is greater than or equal to <math>a + 14</math>.</p>	R63068, AA699972, AF139786, R63109, AI969279, AL119324, AL119457, AW392670, U46351, U46349, U46350, AL119418, AL119443, AL042544, U46347, Z99396, AL119399, AL119319, AL119341, AL134902, AW372827, AW363220, AW384394, AL119391, AL037205, AL119484, AL119483, AL119464, U46341, AL119355, AL119401, AL119439, AL119363, AL119444, AL119497, AL119522, AL134531, AI142131, U46346, AL134525, AL134536, U46345, AL119335, AL043019, AL134538, AL119396, AL119496, AL042450, AL043029, AL042433, AL042542, AL042614, AL043003, AL042975, AL042984, AL043033, AL042965, AL042551, AF075009, AC004924, AB019440, AC007275, AR066494, AR060234, AB026436, A81671, AR054110, AR069079, AR043113
628	HWLMA6 8	874667	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 665 of SEQ ID NO:628, b is an integer of</p>	AW003119, AI090979, W69114, N29472, AA424883, AI522230, H82475, AA887087, AI744558, AA887101, AC005876

629	HWLNH87	874670	15 to 679, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:628, and where b is greater than or equal to a + 14.	AI355520
630	HOOHE79	874671	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 891 of SEQ ID NO:629, b is an integer of 15 to 905, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:629, and where b is greater than or equal to a + 14.	AI936089, AA905056, AI005349, AI051256, AA464408, AI097653, AA514868, AI767261, AA649112, AA455524, AA977858, AW235953, AI823386, AA737089, AL042898, U46344, AL046273, AL045891, AL045921, AI547258
631	HWLOJ08	874672	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 364 of SEQ ID NO:631, b is an integer of	T49824, AA063445, AI200727, AI992221, AI799324, AI362905, AI738764, AI367317, AI000424, HI6251, AW137183, AI375561, T49823, AW020216, Z99396, AW392670, AI474064, U46349, AL119319, AL119522, AW372827, AL119443, AL119483, U46351, AL119484, U46350, AL119391, AW384394, AL119439, AW363220, AL036418, AL038837, AL119457, AL119497,

632	HBCBF08	874673	<p>15 to 378, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:631, and where b is greater than or equal to a + 14.</p>	<p>AL119324, AI142137, U46347, AL037051, AL036725, AA631969, AL119335, AL119444, AL119418, AL119363, AL037205, AL119401, U46346, AL119355, AL042614, AL134531, AI142139, U46341, AL119341, AL119396, AL043019, AL134524, AL036858, AL134525, AL039074, AL119496, AL036924, AL134528, AL134530, AL134519, AL119399, U46345, AL134518, AL134538, AL134526, AL042544, AL042896, AL042984, AL042965, AL042975, AL042542, AL037085, AL043029, AL042450, AL043003, AL039564, AL038509, AL039085, AL042551, AL039156, AL039108, AL039109, AL039128, AL037094, AL036268, AL037526, AL036196, AL036190, AL037082, AL037639, AL119464, AL038520, AL036767, AL037077, AL036998, AL038851, AL036733, AL037615, AR060234, AR066494, A81671, AR023813, AR064707, AB026436, AR054110, AR069079</p>
633	HWHGZ23	874675	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 588 of SEQ ID NO:632, b is an integer of 15 to 602, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:632, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 655 of</p>	<p>U82695, AF151107, AF151108, AL049866</p> <p>AA622392, AI215628, AI346006, AW268901, AW192528, AA931650, AA627385, AW087522, AI351272, AI310053, AA548906, AA781491, AI868907, AA512893, D45784</p>

634	HWLOP85	874678	SEQ ID NO:633, b is an integer of 15 to 669, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:633, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 391 of SEQ ID NO:634, b is an integer of 15 to 405, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:634, and where b is greater than or equal to a + 14.	
635	HUSGX66	874679	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1315 of SEQ ID NO:635, b is an integer of 15 to 1329, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:635, and where b is greater than or equal to a + 14.	AA455712, AI811577, AA455657, AI139121, AI275409, N80080, AI927568, AI927562, AI139471, AA160473, AI587600, N59184, AI718928, N39140, AA723097, AI719983, AI335776, N78795, AA732097, W05057, R39073, W07223, AI864812, AA832398, N74667, N75923, N46550, AL119453, D19825, H89600, U66561, AL021918, AL031118, AA830689
636	HCRQM95	874680	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 426 of	AI887957, AI377535, AI803412, AI365236, AI916520, AI420581, AI216221, AI167532

637	HPWAI57	874682	SEQ ID NO:636, b is an integer of 15 to 440, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:636, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1202 of SEQ ID NO:637, b is an integer of 15 to 1216, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:637, and where b is greater than or equal to a + 14.	A87678, A87679	
638	HWLOQ35	874683	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 543 of SEQ ID NO:638, b is an integer of 15 to 557, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:638, and where b is greater than or equal to a + 14.	AW006294, AA744520, AI651714, AI263342, AI868001, AA713976, AI950571, AA253393, AA236977	
639	HE2EA79	874684	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1255 of	AI744509, AI471561, AW104671, AI743782, N56950, AI358155, AA129551, AI493213, AW263313, AW375671, N22107, H46617, AA136565, H39587, AI014857, AW371735, AA687548, H26480, AI078667, F00545, AW023186, AA843086, AA939320, AA425438, AW264264, D25988, AW087311, AA526886, AI096403,	

		<p>SEQ ID NO:639, b is an integer of 15 to 1269, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:639, and where b is greater than or equal to a + 14.</p>	<p>H40017, H88197, AI096401, AA503479, AA501971, H26319, H83564, AA322124, AA372778, AW375657, AI686136, N75489, AI476089, AI088717, AA581177, AI003734, AI460390, AA720732, AI937850, AA381762, AI184354, AA665293, AA655002, AW440935, AA074130, AA649553, H70615, AA968509, AI348611, N84245, AW242020, AA843450, AI357551, M18217, AF051561, AP000563, AC005342, U47924, AF064861, AC005057, AC006111, AL109758, AC007488, AP000133, AP000211, AL022721, AC007536, AC006251, AC004821, AL035072, AC009516, AC002558, AC007216, AF107885, AC006539, AC005944, AC005755, AC004967, AC004236, AC005210, AL021808, AF001552, AC000066, AC010582, U96629, AC006449, Z85986, AC004878, AC005330, AC002540, AP000553, AC002994, AC005740, U95742, AC002563, AC002544, AC000052, AC005378, AC011311, AL121653, AC006205, AF045555, AP000692, AC004383, AJ010770, AL008635, AC001231, AC004019, AP000493, AC006130, AC005399, AP000505, AC004263, AL049758, AC002425, AL133445, AC005372, AL109827, AC005037, AC006480, AC006120, AL096791, AL031431, AC005411, AL049759, AC005696, AP000961, AC004386, AC003029, AC005821, Z84469, AC005874, AF134471, AC005225, U95740, AL049872, AC006001, Y14768, AC002350, AP000510, AC002041, U91326, AC000026, AC004859, AC007066, AC005233, AC005226, AL034548, AC009405, AL049760, AC005261, AC005800, AC005081, AL021397, AC003041, AL109984, AJ003147, AL034451, AL049709, AF053356, AP001037, AL132777, Z84480, AC007666, AC006285, AC007050, AC002377, AC002070, AF196969, AC005274, AC006261, AC005531, AC002565, AC005594, AL135783, AC002542,</p>
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640	HWLOI43	874688	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 677 of SEQ ID NO:640, b is an integer of 15 to 691, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:640, and where b is greater than or equal to a + 14.</p>	<p>AC005288, AP000552, AP000152, AL049694, AF196779, AL035699, AC002347 AI434204, AI825202, AW263495</p>
641	HCRQM44	874689	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 590 of SEQ ID NO:641, b is an integer of 15 to 604, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:641, and where b is greater than or equal to a + 14.</p>	<p>AI655499, AI655518, AA229021, AA935461, AI934387, AI792543, AI053710</p>
642	HCRMZ25	874695	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 947 of SEQ ID NO:642, b is an integer of 15 to 961, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AL037381, AA921743, AA813075, AW294816, AA709202, AC009509</p>

643	HCROB95	874696	<p>NO:642, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 411 of SEQ ID NO:643, b is an integer of 15 to 425, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:643, and where b is greater than or equal to a + 14.</p>	N72329, AA459727, AW392671, AL049766
644	HWLXN82	874697	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 405 of SEQ ID NO:644, b is an integer of 15 to 419, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:644, and where b is greater than or equal to a + 14.</p>	AW015211, AI264462, AI285215, T05692
645	HWLXW0 8	874699	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 641 of SEQ ID NO:645, b is an integer of 15 to 655, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI767447, AI766077, AI735760, AA993877, AI825978, AI917242, AI016453, AI126039, AW022857, AA127250, AW139495, R60691, AW021848, AI984586, AI242322, R39813, R24208, AI479579, AW196253, Z40634, AA127231, H10019, F03822, AA577386, AI382340, T61246, AA092616, AI868839, AI245091, AW372310, AA644511</p>



			NO:645, and where b is greater than or equal to a + 14.	
646	HWLVR69	874700	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 444 of SEQ ID NO:646, b is an integer of 15 to 458, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:646, and where b is greater than or equal to a + 14.	
647	H2CBD62	874701	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 271 of SEQ ID NO:647, b is an integer of 15 to 285, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:647, and where b is greater than or equal to a + 14.	AA307263, AW085751, AI267285, AA524604, AA372958, AA174108, AI889236, AL079553, AI567976, AA484321, AA210951, AI696455, AA676462, AI754926, AA513196, H65856, T05648, AA669458, H94719, AA199578, AA845690, T73227, AI000381, AI590404, AL110280, AF109907, AL034430, AL033543, AC001228, AL034548, Z82244, AC004615, U80017, Z94161, AC007093, Z68287, Z98048, AL031295, AF060911, AP000695, AP000696, AL121652, AD000092, U91325, AC005082, Z81365, AC005225, AC004707, AC005231, AC004150, AC002395, AL031005, AC002117, AC007225, U47924, AC005060, AL034417, AL133163, AC005593, AL031259, AC005412, AL008720, AP000692, Z82215, AC006285, AC007065, AC004797, AB014079, AC006139, AL031255, AC005206, AL049743, AL035593, AC005667, AP000514, Z97876, Z93023, AL035420, Z98946, AC006120, AL022170, AC006029, AF196779, AC005071, AC007371, AP000350, AC008055, AC006515, AC000111, Z93241, AL021392, AL121657, AL109628, AC005031, AL031775, AL049745, AC005828, AC003108, AL133448,

648	HMSAQ57	874702	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1858 of SEQ ID NO:648, b is an integer of 15 to 1872, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:648, and where b is greater than or equal to a + 14.</p>	<p>AC005666, AF118885, AL034555, AC005048, AL133243, AC005180, AF038458, AL022099, AC005694, AP000359, AL078581, Z95113, AC006011, AC005553, AC005529, Z93930, AF205588</p> <p>AW451074, AW130600, AI862553, AI051950, AW299675, AW139740, AW073410, AI764978, AI092240, AI654439, AI498686, AI147089, AI823941, AI375756, AI082198, AI311457, R16260, AA459894, AW304679, H12109, AI985201, AA860539, W03774, AA744884, AA704679, AI081657, AA032035, R55508, AW338881, AI700853, Z45437, T75489, R55509, AI768483, R44809, R16259, Z41144, H12110, T75528, AI373046, R19144, AI393085, AA682663, AI765743, AI915400, F04608, F17928, AI656550, AI655676, F31453, N79255, AI913700, AI345369, AI345363, AI370066, T66718, T66719</p> <p>AA280627, W65462, W65463, AA569964, AI474861</p>
649	HCR0D17	874703	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 826 of SEQ ID NO:649, b is an integer of 15 to 840, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:649, and where b is greater than or equal to a + 14.</p>	
650	H2CBN90	874704	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 809 of SEQ ID NO:650, b is an integer of 15 to 823, where both a and b</p>	<p>AA307843, AA313349, W27338, AA333675, T24466, AB005549</p>

651	H2CBP17	874707	correspond to the positions of nucleotide residues shown in SEQ ID NO:650, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 527 of SEQ ID NO:651, b is an integer of 15 to 541, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:651, and where b is greater than or equal to a + 14.	AA307703, AI167601, AI868476, AL134976, AF071592, AJ271784, AF179308, AL021786, D12646
652	HTTDU01	874708	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1641 of SEQ ID NO:652, b is an integer of 15 to 1655, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:652, and where b is greater than or equal to a + 14.	AW105143, AA307599, AI971445, AI017401, N53419, AI041077, AI864277, AI494173, N53432, AA580971, AA196917, AI613044, AA370694
653	H2CBH38	874709	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1146 of SEQ ID NO:653, b is an integer of 15 to 1160, where both a and b	AW292791, AI741397, AA307497, AA425155, W68586, AI702582, AA953425, AA767708, W68587, AA429408, AA721268, AA504241

654	H2CBX48	874710	correspond to the positions of nucleotide residues shown in SEQ ID NO:653, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 822 of SEQ ID NO:654, b is an integer of 15 to 836, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:654, and where b is greater than or equal to a + 14.	AA313774, N87550, AI659717, AB033023
655	H2CBT32	874711	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1174 of SEQ ID NO:655, b is an integer of 15 to 1188, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:655, and where b is greater than or equal to a + 14.	AW117351, AA984205, W73590, AA313565, C06040, AW016815, AI201605, AI927839, W27788, W28846, AW050936, W20474, AA563590, AI291970, C00092, AA193611, AA037235
656	HAGBH67	874713	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1118 of SEQ ID NO:656, b is an integer of 15 to 1132, where both a and b	AW054855, AA781176, AI301923, AI003840, AA293873, AI139637, AI209150, AA781378, AA699734, AI499705, AI422131, AA740326, AI343622, AA406215, AA993480, AI918065, AI423416, AI301318, AI078370, T70541, AW452361, AA405360, AA045732, AA416618, AI271992, AA743041, AI024173, AA861395, AI202580, AI028291, AA045733, AI023353, AA416600,

657	HE2LX05	874714	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:656, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 552 of SEQ ID NO:657, b is an integer of 15 to 566, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:657, and where b is greater than or equal to a + 14.</p>	AA677648, AA430066, H26418, AI247927, AA669613, T88915, AW296477, AA412195, AA416994, AA398297, T70810, AA435656, AI991785, H46640, H26344, AI208039, T85978, R70388, AI350557, AI991938, AA806905, AI424484, AI916494, AI808428, AI000979, AC004231, X14487 AI374943, AL038761, AL040553, AL039432, AL037295, AL037443, AL037343, AL037335, AL042096, AL040238, AL134524, AL043941, AL079852, AL045328, AL038838, AL038983, AL047012, AL047170, AL040463, AL037727, AL047219, AL044162, AI142134, AL040621, AL043538, AL043496, AL040464, AL041238, AL038532, AL040576, AL041324, AL038822, AL040193, AL044186, AL040617, AL041098, AL041096, AL040625, AL047183, AL044037, AL042898, AL043923, AL043814, AL040510, AL045684, AL043467, AL043845, AL041635, AL041752, AL041133, AL040294, AL041358, AL043677, AL044064, AL041296, AL040839, AL041459, AL041577, AL040119, AL040322, AL041163, AL043492, AL041602, AL041346, AL045753, AL037436, AL044074, AL040052, AL040472, AL046850, AL040768, AL046442, AL041730, AL041523, AL043627, AL041374, AL046994, AL043848, AL046914, AL043570, AL042135, AL047057, AL041197, AL041086, AL040075, AL040444, AL039316, AL041955, AL045671, AL046392, AL044272, AL041292, AL041159, AL040370, AL044258, AL045920, AL041233, AL040148, AL041142, AL040458, AL049018, AL044187, AL041168, AL037435, AL040332, AL040155, AL040529, AL045990, AL046330, AL044199, AL040149, AL047036, AL040571, AL045989, AL040128, AL040745, AL041277, AL044274, AL040342, AL079878,
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	AL041186, AL039643, AL040285, AL040414, AL040091, AL041131, AL044165, AL041051, AL040090, AL039744, AL040168, AL043775, AL041227, AL040253, AL041246, Z30131, AL045857, AL040082, AL041347, AL040329, AL039338, AL045211, AL041140, AI535639, AL045327, AL045817, AL047037, AL040263, AL043440, AL044125, AL045725, AL047163, AL040255, AL037341, AL039915, AL043612, AL046097, AL046360, AI525306, AL041210, AL041278, R28735, AL037323, AI557262, AL044201, AL045994, AL049069, AL046327, R29177, AA585476, AI526194, AL039360, AA174170, AL134110, AI547039, AL046150, AI540967, AI541535, AI541509, AI546999, AL043444, AL037279, AI541510, AI546899, AL044529, AI557787, Z28355, AL043537, AI557799, AI546891, AI547295, AI541013, AI541390, AI536138, AI526144, AL046147, AI557807, AI546855, AI541307, AI541534, AL080031, AJ239433, AI546828, AI525316, AI525321, AI557796, AL045784, AL042712, D61254, AI557082, AI541205, AI546945, AA585439, AL038878, AI535813, AI526184, AI525328, AA283326, AL038651, R29218, AI535660, AI557802, AI547006, D57186, D29033, R28895, AI557238, AI557731, R45895, AL045340, AI526125, AL041344, R28967, R28965, U46344, R28892, T10982, AI541508, AI557808, AI547048, AI557734, AA585329, AL048677, I08395, I08396, AR038762, AR064707, AJ230935, AJ230902, AR038855, AJ230951, AR051652, AJ231009, AR051651, AJ244007, I08389, AJ238010, AR008429, X07299, A58524, X81969, A43189, A43188, A58523, A20702, AJ244003, AJ244004, AF082186, A20700, A98420, A98423, A98432, A98436, A98417, A98427, AR066494, AR062872, I19525, AR062873, A81878,

			A98767, A25909, AR062871, A93963, A93964, A86792, A64973, A85395, A85476, A84772, A84776, A84773, A84775, A84774, E12584, AR067731, AR037157, AR054109, AR067732, A58522, A91750, AJ230867, Y09813, I18302, Z32836, X83865, I18895, Y16359, AR035975, AR035977, AR009151, A22738, A77094, A77095, I62368, A60212, A60209, A60210, A60211, D78345, A93016, E13740, A68112, A68104, I63120, AJ231028, E03627, A18050, A23334, A75888, I70384, A60111, A23633, AR007512, A35536, A35537, AR009152, A02135, A02136, A04663, A04664, A02712, A95051, A18053, A11245, AR017907, I06859, I48927, I00682, A11623, A11624, E00609, AR043601, A11178, E01007, I13349, A10361, I15353, AJ230972, AJ244005, I84553, I84554, D13509, I03331, A02710, E12615, AR035193, E14304, A07700, A13392, A13393, AR031488, I13521, I52048, A27396, I25027, AR027100, I44531, I28266, I21869, I26929, I44515, I26928, I26930, I26927, I44516, E16678, A82653, E16636, M28262, I15718, A24783, A24782, I01995, A95117, I08051, I15717, E17098, A93923, I49890, A92133, A70872, A70040, A91965, D17247, AR035974, AR035976, AR035978, I60241, I60242, I44681, A90655, AF149828, AR031566, AJ230845, AR022273, D50010, A20699, E00696, E00697, E03813, I66482, I66485, I66483, I66484, I66498, I66497, I66496, AR038066, AR027099, I66487, I66486, I05558, A70869, A93916, AR051957, I66495, I66494, AB025273, D13316, A93931, A22734, AR051864, AR051865, I36244, A06631, I66481, A83642, A83643, I66488, I66489, I66490, I66491, I66492, I66493, A83151, S60422, AJ231011, AR063812, AL133053, AL133049, A05993, A05975, A05973, A05991, A05995 
658	HAHCU44	874715	Preferably excluded from the AA838833, AI951830, AI983935, AW083500,

659	HFRAM50	874717	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1164 of SEQ ID NO:658, b is an integer of 15 to 1178, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:658, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 910 of SEQ ID NO:659, b is an integer of 15 to 924, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:659, and where b is greater than or equal to a + 14.</p>	<p>AA505859, W37679, W37680, AA372012, AI033632, W38021, AA583310, AW237259, AA724242, AA321659, W20140, AI445781, AI335223, AI792549, AA827028, AL109756, Z77249, AC004982, AC004996, AC005342, Z81370, AL031584, AL049569, Z97353</p> <p>D20728, AA244320, AI740884, AW178896, Z35731, AP000526, AP000525, AC006561, U49973, AC006965, AC006566, U70984, Z82200, Z82206, AC006077, AL049781, AC006487, AL079305, AL132985, AL136504</p>
660	HAJBD60	874718	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 799 of SEQ ID NO:660, b is an integer of 15 to 813, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:660, and where b is greater than or equal to a + 14.</p>	<p>W22230, T74316, F12667, AA318357, R19418, AA356083</p>
661	HTPHK47	874719	<p>Preferably excluded from the</p>	<p>AW237653, AA991673, AI764967, AI920926,</p>



662	HAMGM2 7	874720	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1704 of SEQ ID NO:661, b is an integer of 15 to 1718, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:661, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1100 of SEQ ID NO:662, b is an integer of 15 to 1114, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:662, and where b is greater than or equal to a + 14.</p>	<p>AI091466, AA934348, AI220342, AA993838, AA506184, AW204074, AA113281, AA214337, AI433064, AI381333, AI205720, AI683561, C01718, AA082796, AI270624, N66474, R58514, AA933806, AI537337, AI863530, AL049989, AF121857</p> <p>AA548621, AI732587, AA173525, AA307836, AI763187, AF094481</p>
663	HWLXA56	874723	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 327 of SEQ ID NO:663, b is an integer of 15 to 341, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:663, and where b is greater than or equal to a + 14.</p>	N73842
664	HBGMC86	874724	Preferably excluded from the	

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 271 of SEQ ID NO:664, b is an integer of 15 to 285, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:664, and where b is greater than or equal to a + 14.	
665	HOSPA23	874725	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 617 of SEQ ID NO:665, b is an integer of 15 to 631, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:665, and where b is greater than or equal to a + 14.	N47382, R23996, AI633730, AI638247, AI753699, AL133621, AJ010347, AJ010346
666	HBAHC42	874726	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1515 of SEQ ID NO:666, b is an integer of 15 to 1529, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:666, and where b is greater than or equal to a + 14.	AI590204, AA888858, AI915839, AI623511, AA506691, AA598909, AA621684, D60400, AA694016, C15028, AA513161, AA635146, D60469, D62914, D50640
667	HUSGQ45	874727	Preferably excluded from the	AI480121, AA649066, AI673083, AA393762,

668	HBMXP34	874728	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1006 of SEQ ID NO:667, b is an integer of 15 to 1020, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:667, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 796 of SEQ ID NO:668, b is an integer of 15 to 810, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:668, and where b is greater than or equal to a + 14.</p>	<p>AA862483, AW300415, AI205871, AI243398, AA805344, AI472932, AA708627, AI368938, AA877843, AA456841, R77915, AW139999, AI684582, AA764940, R78016, AW023585, AA209140</p> <p>AI792688, AI202262, AW439428, R30837, AI693225</p>
669	HHEME74	874732	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2487 of SEQ ID NO:669, b is an integer of 15 to 2501, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:669, and where b is greater than or equal to a + 14.</p>	<p>AW274756, AW182379, AW051349, AA922068, W02396, AI693750, AA400751, AA059377, AI457629, AI269931, AA775695, AA310528, AA312213, AA194249, AA699614, AW028098, AA805247, AA505197, AA548104, AA948551, AA158267, AI038906, AI741887, AI032086, AW151955, AA193119, AI022731, AA234296, AA777005, AI571555, AA701969, AI375089, AI982583, W44357, AI797542, AI436645, N90821, AW172699, T26677, AI332630, W01662, N34645, AW043907, N67039, N21679, AA284197, W40197, AI085767, AA766813, AA284198, N35501, AA512994, AI338224, AI367890, AA688264, AA731320, W45710, AA400669, AI291688,</p>

670	HCNDN66	874737	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 415 of SEQ ID NO:670, b is an integer of 15 to 429, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:670, and where b is greater than or equal to a + 14.</p>	<p>AW294908, AA604274, R82672, AA345093, H83598, AA702282, W68424, N72570, N34412, AA251019, AA284086, AI334727, H78499, N64397, H77362, AA810816, AA262986, AI700747, AA251120, AI382959, T26676, N48646, AI167208, AI472804, AA702898, AA354227, AA031990, AW366346, R11174, AI473124, R82730, R94344, AW182231, W01844, AA094055, T91181, H78402, AA010076, AA736883, R58001, Z41608, W19801, T18591, AA355137, AA347089, T79458, AA256155, N71636, C16696, R11175, D79173, AI193926, T99728, N75337, AI767506, AA714340, AA890568, AA491304, R13196, T99729, AI270066, AA806344, R28156, T90012, W68522, Z42074, R28155, AA091353, AA170845, T84690, AA058876, AA031989, N90004, R93023, AA248312, AA256212, AA585248, T79548, T25445, AC005156, AC000065</p>
671	H2CBI61	874741	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1468 of SEQ ID NO:671, b is an integer of</p>	<p>AI609152, AI818924, AI356291, AA401242, N48523, AA307559, AA130794, AI078381, AA130708, AA311805, AI198283, AI201085, AA446714, AI077572, AI694848, AW016425, AA190411, AA577072, AA102778, AA114156, AI671975, AI923123, AA215731, AA978209, AW025780, AA215665, AA446587, AI277223, Z24841, AA190801,</p>

672	HCQAE09	874744	<p>15 to 1482, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:671, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 593 of SEQ ID NO:672, b is an integer of 15 to 607, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:672, and where b is greater than or equal to a + 14.</p>	<p>F35734, AI904194, R44726, F26140, T16749, AA295023, AA761079, AI991909, AI581346, AI382586, AI919306, F00168, AI557129, AI884969, E15521, U70732</p> <p>N53604, H02495, AC005552, AC005029, AC004921</p>
673	HCNDP23	874745	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 456 of SEQ ID NO:673, b is an integer of 15 to 470, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:673, and where b is greater than or equal to a + 14.</p>	<p>AA425598, AA425445</p>
674	HCQBE66	874746	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1096 of SEQ ID NO:674, b is an integer of</p>	<p>AI075904, R14809, H96672, T16569, AL009182</p>

675	HCQAK59	874747	15 to 1110, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:674, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 236 of SEQ ID NO:675, b is an integer of 15 to 250, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:675, and where b is greater than or equal to a + 14.	
676	HCQAR64	874748	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 678 of SEQ ID NO:676, b is an integer of 15 to 692, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:676, and where b is greater than or equal to a + 14.	AI392817, H50875, AI983401, AA468705, AI991177, AI310431, AI765153, AA602377, AI867382, H50876, R99562, AA776326, T25070, AF176114, L12141, X74938
677	HWMAC4 8	874749	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 348 of SEQ ID NO:677, b is an integer of	Z99396, AL119355, AL036418, AL038837, AL037051, AL036725, AA631969, AW392670, AL039074, U46349, AL036924, AL036858, AW372827, AL038509, AW384394, AL039564, AL039085, AL039156, AL039108, AW363220, AL039109, AL039128, AL119497, AL119483, AL119457, AL119319, AL036190, AL119324, AL119443, AL037094,

678	HCQBE76	874750	<p>15 to 362, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:677, and where b is greater than or equal to a + 14.</p>	<p>AL037639, AL039659, AL119341, AL036196, AL119484, AL119363, AL119391, AL037526, U46350, AL119522, U46351, U46341, AL038531, AL036767, AL119335, AL037082, AL036238, AL119396, AL134536, AL119418, AL042909, AL119496, AL039625, AL039648, AL045337, AL036268, AL042984, AL038447, AL039386, U46347, AL037085, AL119444, U46346, AL039678, AL119401, AL039629, AL134902, AL037205, AL119439, AL039423, AL038520, AL039150, AL037077, AL036998, AL036733, AL042551, AL037615, AL038851, AL040992, AL134538, AL042614, AL042975, AL042965, AL134527, AL036719, AL119399, AL134525, AL042433, AI142131, U46345, AL037178, AL037027, AL119464, AL043033, AL043029, AI142134, AL036679, AL043019, AL042544, AL042450, AL043011, AL039410, AL042542, AL036191, AL036765, AL043003, AL037021, AL036774, AL036158, AL036886, AR066494, AR060234, A81671, AR023813, AR064707, AR069079, AR054110, AB026436</p>
679	HWLCA32	874751	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 320 of SEQ ID NO:678, b is an integer of 15 to 334, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:678, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	

680	HWLHH20	874752	nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 599 of SEQ ID NO:679, b is an integer of 15 to 613, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:679, and where b is greater than or equal to a + 14.	
681	HCQBI72	874753	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 386 of SEQ ID NO:680, b is an integer of 15 to 400, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:680, and where b is greater than or equal to a + 14.	AA541466, AW192480, AW393644, AW392419, AF151978, Z96810
682	HCQBH60	874754	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 571 of SEQ ID NO:681, b is an integer of 15 to 585, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:681, and where b is greater than or equal to a + 14.	AI567502, AI921463, AI570914, AI679795, AI623354, AI573055, AI583952, AW338193, AI249363, AI431423, AI460112, AA132183,



683	HHMMB1 7	874755	nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 596 of SEQ ID NO:682, b is an integer of 15 to 610, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:682, and where b is greater than or equal to a + 14.	AI453724, AI520713, AI682808, AI582940, AI634287, AI640689, AW193016, AI700372, D25704, AI245910, AI571582, AA149529, AA837986, AA592922, AW192250, AW360825, AW360800, AA053011, AI583942, AI114671, AA502754, E01630, M15042, M17303, M59709, M29540, I08156, AF113017
684	HCQCB28	874756	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 401 of SEQ ID NO:683, b is an integer of 15 to 415, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:683, and where b is greater than or equal to a + 14.	AI583942, AI734872, AI520713, AI749559, AA524877, AW192250, AI921463, AA132183, AI583952, AI640689, AA149529, AW338193, AI453724, AA053011, AI249363, AI567502, AI431423, AI571582, AI623354, AI570914, AW193016, AI679795, AI573055, AI682808, AI460112, D25704, AA837986, AA502754, M59709, E01630, M15042, M17303, M29540
685	HCQCC66	874757	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 639 of SEQ ID NO:684, b is an integer of 15 to 653, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:684, and where b is greater than or equal to a + 14.	AI857685, AI127950, AI498052, AI093116, AI937245, AA837396, AA931150, AA894527, AI077433, AA814942, AA729327, AA910659, AA836412, AA564324, AI623269, R16770, AA846844, AA932274, T89616, AI470094, AI208399, W19090, N79612, AI698941, AF001548
			Preferably excluded from the present invention are one or more polynucleotides comprising a	AL049651, AC006928, AL133371

686	HOELS72	874758	nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 305 of SEQ ID NO:685, b is an integer of 15 to 319, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:685, and where b is greater than or equal to a + 14.	AI374739	
687	HCQCB62	874759	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 267 of SEQ ID NO:686, b is an integer of 15 to 281, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:686, and where b is greater than or equal to a + 14.	AA299543	
688	HCQCC13	874760	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 164 of SEQ ID NO:687, b is an integer of 15 to 178, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:687, and where b is greater than or equal to a + 14.	AI970919, C20819	

689	HCQCF83	874763	nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 323 of SEQ ID NO:688, b is an integer of 15 to 337, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:688, and where b is greater than or equal to a + 14.	AA443394, AA993080, N39733, AA328123, N26638, AA446382, AA328400, AI357465, AI471723, AI367772, AI191860, D20715, AI567979, AI376199, AA569983
690	HCQAF27	874764	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1121 of SEQ ID NO:689, b is an integer of 15 to 1135, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:689, and where b is greater than or equal to a + 14.	T58797
691	HCQCJ56	874765	Preferably excluded from the present invention are one or more polynucleotides comprising a	AI674974, AI217307, AA813576, AI824976, AA994749, AI244904, AI262935, AA020796, AA234517, AA443035, AW079079, AA463478,

			nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1273 of SEQ ID NO:691, b is an integer of 15 to 1287, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:691, and where b is greater than or equal to a + 14.	AA694400, AI005463, AA776532, R00437, R00438
692	HCQCD88	874766	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 337 of SEQ ID NO:692, b is an integer of 15 to 351, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:692, and where b is greater than or equal to a + 14.	AI242329, AI242439, AI097229, AA932068, AA516371, AW001485, AA523948, AW196074, AA555145, AI345471, AA814721, AI270039, AI679261, W48671, AI336503, AI590755, AW085350, AI798359, AI345608, T27702, AA853473, AW079334, AI559863, AW022494, AW020288, AW088560, AW022542, AA662117, AW020144, AI821062, AW104141, AW029457, AI309306, AA761557, AI866419, AA575874, AA653459, AI932739, AL048644, AL110373, N27632, AW081103, AA629977, AW191844, AI557808, AI589428, AI612885, AI345677, AW162189, AI630932, AW022636, AI640370, AW059713, AI289791, AA766618, AI340653, AW021717, AW083168, AW081383, AI539781, AI538850, AI500113, AI702343, AW020048, AW148882, AW191003, AL046021, AI539707, AL048499, AL110402, AA215584, AW021662, AI623302, AA219283, AA665612, AW020328, AW151979, AI784214, AI866691, AI801325, AI524654, AI225248, AW071377, AI362332, AI469516, AL046262, AW404239, AI431307, AA977351, AI421662, AI648494, N75779, AI431316, AI912496, AI273179, AI335476, AI633061, AI431238, AW055261, AI699175, AI821259, N25033, AI345562, AW082600, AI203903, AI312210, AL041924, AI340533, AI500662, AI309431, AW022102, AI345739, AW009066,

	AI348854, AI133029, AI312143, AI340511, AI624304, AI334895, AI687568, AI336495, AA587590, AA613255, AI344931, AW085786, AI340644, AI307507, AA420758, AI250627, AI251221, AI310920, AI571699, AI310927, AW265004, AI307503, AA088789, AI866820, AI886055, AI307578, AI336488, AI472536, AI360195, AI336565, AI677797, AW148303, AI932949, AI623736, AA514684, AI560545, AI379711, AI349186, AI334913, AI312432, AI310930, AI343131, AI537516, AI310592, AI307542, AI312271, AI915295, AI926593, AI439903, AI312333, AI583578, AI312963, AA928539, AI285417, AI340537, AW172723, AW151451, AI249946, AI244380, AI242736, AI285514, AI224373, AI866573, AW190297, AI446110, AI370322, AI440444, AI312431, AI624475, AI307459, AI343140, AI334920, AW161098, AI553669, AI345014, AI349971, AW079768, AI815232, AI805769, AI434242, AI636788, AW131994, AL049003, AI049856, AI500523, AL049053, AI312261, AA207067, AI925402, AI334930, AI343030, AI349805, AI609420, AI061180, AI887775, AI446124, AI307505, AI582932, AW189933, AI307549, AW238688, AI452857, AI872423, AI590043, AI284517, AI923989, AI310606, AI336585, AI334738, AI500706, AI491776, AI445237, AL042731, AC007360, AC005013, AL021393, AE000664, AC007298, S77771, AL137541, AL031346, AC002564, AL031274, AF162270, AC002538, AP000697, EI2579, AP000083, AF003738, AF090940, L30117, AF095901, Z93784, AC007114, AC004383, AC003977, EI2580, Z92543, AF206503, J05032, AL117440, AC000053, Z82206, AC002060, AP000344, AL050322, AC004554, AC002457, AC002540,

	AC007390, D83989, AR038854, A18777, AL096776, AP000020, AL033521, AC008067, AC005992, AR050959, AF003737, L19437, AF061795, AF151685, X93495, Z49258, AP000361, AP000458, U89335, AC005057, AC005091, AL035587, AC005048, Z94277, AC006017, AC008014, AC007172, AC006371, U66059, AF113689, AC002377, AC003042, A08907, AC005911, AF146191, A23630, AC002531, U96074, AF012536, AL122021, AJ131955, AF110417, A27171, AC002287, AL080245, AL033523, AP000130, AP000208, AP000247, AL031295, AL034376, AC018767, X97332, AF113019, A65340, U76419, AL137574, D38178, AB022159, U69730, AL031732, AC007748, Z99297, AL030998, AC005886, AC004837, AL020994, AC009113, AC004057, AC005296, AF042090, AC018769, E03348, AL022147, Y11587, AF215669, E03349, AR059958, AC006944, AL080150, AF098162, AP000250, AC004213, AC003005, U95739, AP000211, AP000133, AP000030, AC004974, AC010072, AC004686, AC009233, U67232, I48978, AC002464, AC005940, AL049553, AF141976, AC005353, X00861, AF150103, AF000145, AR036183, Z98036, U67211, AL136130, AC004111, AC004690, U77594, I22272, AF169154, Y08769, A41579, AL133070, X83544, AF076633, S59519, AL049377, AL122098, AB007812, AF205861, U62966, AL050129, AF044323, AL137273, X93328, AF085809, AL133565, J05277, Z30970, Y15724, AJ238093, AC006561, AC004989, AC005876, AL049742, AC002428, AC004062, AC005341, AC006479, AF109683, U08374, AC006205, AF179633, Z99289, Z82250, AC009286, AC005295, Z98049, A48221, AC005790, Y17327, AF060868, AF067790, AL079340, A41575, AR000496, AL133088, U39656, AL137536, AC004553, AF109155, AF090886, I30339, I30334, S53987, M64936, AC006203, AF139373, A48220, AC006344, AC006112, AL008735, AC005778,

693	HE8OJ09	874767	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1190 of SEQ ID NO:693, b is an integer of 15 to 1204, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:693, and where b is greater than or equal to a + 14.</p>	<p>AL034374            AW419048, AA100804, AA121287, AI911097, AA502311, AI075431, AW089948, AW132123, AA488316, AW083432, AI90554, AA100952, F28643, AA207032, AA741512, AA731380, AA731382, W79581, AI655521, AI655502, AI808218, AA731381, W79780, AI970106, AA251012, F37179, AW439007, AA329792, AW439035, AA730238, AI640142, AA262868, AW087255, AI559734, AA252138, AA242847, AC004087, U49385, AF086422</p>
694	HCQCR67	874768	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 269 of SEQ ID NO:694, b is an integer of 15 to 283, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:694, and where b is greater than or equal to a + 14.</p>	
695	HPHAA27	874769	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2719 of SEQ ID NO:695, b is an integer of 15 to 2733, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:695, and where b is greater than</p>	<p>AA081793, AI123953, AA227619, AW183759, AA860996, AA082138, AI306487, AA693989, AI308192, AI632845, AI334618, AA313548, AI913841, AA102571, R59474, T09476, AI167448, Z44227, R12103, AI282042, H02687, AA256840, AA256799, R36857, R16314, AI378960, AA226814, H98566, AA046342, AL046364, AA577395, AI590381, AA883418, AA094506, AI031691, AA749079, U61107</p>

696	HCR0V23	874772	<p>or equal to <math>a + 14</math>.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 561 of SEQ ID NO:696, b is an integer of 15 to 575, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:696, and where b is greater than or equal to <math>a + 14</math>.</p>	<p>Z99396, AW392670, AL119457, AL119324, AW372827, AW384394, AL119497, AW363220, AL119319, U46351, U46350, AL119341, AL036418, AL038837, AL119484, AL119391, AL119443, AL119522, AI142131, AL037051, AL036725, AL119355, AL119483, AA631969, AL119363, AL119418, U46341, AL037205, U46349, AL119335, AL119396, U46347, AL119496, AL036858, AL119401, AL038509, AL134525, AL134536, AL039074, AL119444, AL119439, AL042614, AL036924, AL042984, AL134531, AL042975, AL042551, AL037526, AL134538, AL134902, U46346, AL042989, AL042450, AL079442, AL043033, AL037639, AL042433, AL037094, AL042978, AL037082, AL037077, AL042973, AL042980, AL042965, AL036196, AL119399, AL043003, U46345, AL039564, AL037085, AL043000, AL079683, AL036767, AL038520, AL036190, AL038447, AL036268, AL037021, AL036774, AL037178, AL036998, AL036733, AL037615, AL036238, AL037027, AL036765, AL036719, AL036191, AC005822, AR066494, AR060234, A81671, AR023813, AR064707, AB026436, AR054110, AR043113, AA306038, H82569, AI754064, AA304583, AW130468, H65119, AA608729, R26953, AA664163, AW272606, R33048, R27084, AA152404, AA227482, AA347232, AC007051, AC007919</p>
697	HCRMZ75	874773	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 934 of SEQ ID NO:697, b is an integer of 15 to 948, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:697, and where b is greater than or equal to <math>a + 14</math>.</p>	
698	HCRMZ85	874774	<p>Preferably excluded from the</p>	<p>AW027705, AI341165, AI652171, AL079653,</p>



699	HCROM08	874775	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1480 of SEQ ID NO:698, b is an integer of 15 to 1494, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:698, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 289 of SEQ ID NO:699, b is an integer of 15 to 303, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:699, and where b is greater than or equal to a + 14.</p>	AA455320, AI262672, AI021922, AA564575, N76045, AA100397, AI041471, AI350656, AW391751, AI082743, AA243478, AA627599, D19863, AA249024, AF181897, W04450
				AI432644, AL042853, AI431307, AI431316, AI431238, AL047611, AI866581, AI815239, AI440260, AW151974, AI623302, AI567971, AI927233, AW151132, AI440238, AI866465, AI539771, AI537677, AI494201, AI804505, AI500659, AI815232, AI801325, AI866691, AI500523, AI538850, AI887775, AI582932, AI923989, AI590043, AI872423, AI284517, AI500706, AI445237, AI491776, AI289791, AW151138, AI926593, AI889189, AI521560, AI285417, AI500662, AI539800, AW172723, AI284509, AI582912, AI538885, AI440263, AI889168, AI866573, AI633493, AI434256, AW151979, AI866469, AI805769, AI434242, AI888661, AI500714, AI284513, AI888118, AI285439, AI859991, AI436429, AI623736, AI355779, AI889147, AI581033, AI371228, AI491710, AI440252, AI866786, AI860003, AI610557, AI242736, AL042488, AI828574, AI539260, AI887499, AI539781, AI539707, AI702065, AI885949, AI285419, AW089557, AI559957, AI521571, AI469775, AW074057, AI567953, AI815150, AI446495, AI952433, AI867068, AI225248, AL046356, AI358271, AI698352, AI282249, AI371229, AL041862,

	AL043089, AW194509, AI955441, AL043321, AW058275, AL042533, AW151136, AL042515, AL040207, AI889191, AI432666, AI890907, AI866458, AL047422, AI561170, AI371251, AW162189, AI866510, AI888575, AI690946, AI469764, AL045891, AL047398, AI866461, W48671, AI923046, AI648567, AL042365, AI433157, AI521551, AL042944, AI888317, AI432653, AI798359, AI431323, AL043091, AL042729, AI431321, AI554821, AL135012, AI521465, AI049859, AL042787, AI863197, AI432656, AI267492, AL048403, AI334804, AL042655, AI371243, AI924051, AW129310, AL039390, AI885920, AL042981, AI521566, AA928539, AI273179, AA749449, AI446536, AI872315, AI798571, AI431315, AI539863, AI582910, AI285432, AI366900, AI355008, AI366910, AI203903, AL134524, AI623941, AL045619, AI561177, AL046990, AI493559, AI687614, AI888022, AA878808, AI252414, AW269092, AI582926, AI312364, AI801286, AI345180, AW274312, AI274759, AW269098, AL037602, AW268251, AI355017, AI499463, AL039287, AI355126, AI433976, AL045166, AI354981, AI610362, AW268768, AL037582, AL042745, AI567961, AI440239, AI521596, AI436438, AI888002, AI307604, AI521589, AI500061, AA504514, AI687588, AI537273, AI828572, AI537191, AW151970, AI436456, AI371265, AL046681, AI049850, AI963846, AI252153, AI567940, AI610357, AI817244, AI440261, AI612913, AL040459, AW151131, AI537943, AW075138, AI476694, AI285826, AW131994, AI539690, AI863014, AI955221, AI521594, AI355765, AI499512, AI889133, AI538881, AI805774, AI954200, AI927252, AI499508,

	AI499483, AI866820, AI500658, AI537925, AI282268, AL049423, AL133053, AF078844, AL133049, AL122101, AL133084, AL133113, AL133070, U30290, AL122049, E12806, AL133074, AF109683, AF090903, D83032, AL133557, I46765, AL117416, AL133015, U49908, S77771, A83556, A08910, AF058921, AL133608, A08909, AL122106, AF044221, A08908, A76335, E01614, E13364, AL137479, E12580, AF162782, I48978, AL137268, E06743, AF207750, X60786, AL080137, AL133565, AC004399, AL133076, AF028823, AF118092, AF017790, E13998, AF031903, A18777, AL137533, AC004213, AL022170, A08913, AF126247, AF082526, A86558, X79812, AF215669, S59519, AL137574, M27260, AL137555, AL137539, A08912, AF002985, AF111112, S83456, AL137298, AL049382, E06788, E06790, AR034821, E06789, AL122121, A18788, AF100931, AF159148, AL133655, AF026124, AF090886, S83440, AL031274, AC006039, E12579, S76508, AF113019, X66871, E05822, AL049314, AL137529, AF151109, AL133054, A65341, D00174, A14605, E01187, AF004162, AL137705, AF162270, E01963, I77092, AL137550, AL136884, D83989, U83980, AL080110, AF031147, AF079763, AF125949, AF039138, AF039137, AL133047, AF098162, AL110218, AC004383, AC002287, AC007869, AL133560, E12888, S63521, Y16645, AL137286, AL137478, AF013249, U58996, AF036268, AL137273, AL137488, AF185576, M92439, AR053103, AF182215, AL137276, AF113689, AL050024, D44497, AL117583, U53505, AF111849, AL133607, AF142672, Y09972, AL137541, AL117440, AL031346, AC005353, Z93784, AC005057, Z98036, AC007390, AC006501, AC007172, AC007056, AC007392, AC009233, AC005291, AC007298, AC006371, A32826, A30330, A32827, A30331, AL137557, A65340, AL049430, AF132676,

700	HB1PL82	874776	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 533 of SEQ ID NO:700, b is an integer of 15 to 547, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:700, and where b is greater than or equal to a + 14.</p>	<p>AF061836, AL122100, AF150103, AL117629, AB016226, AF110329, X87582, X99257, AF054986, I33392, AF118090, I42402, AL117457, AF026008, AL133016, AL133029, X86693, AL133014, AL050155, AF112208, X63574, AL137480, AR011880, U88966, D16301, S78214, I89947, AR022283, AL133104, AL137526, AL049283, AL122111, AF036941, AF076633, AF153205, I48979, AL137284, AF180525, AL096751, AL133010, AF085809, X59414, AL080074, AC004200, AL050322, AL035458, AL133665, X72387, D55641, AL117648, AL122110, AF091084, AL049324, S78453, X66862, AL109672, I33391, AJ000937, A77033, A77035, X70685, AF069506, X72624 AW236463, AA934586</p>
701	HBXBV89	874778	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2387 of SEQ ID NO:701, b is an integer of 15 to 2401, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:701, and where b is greater than</p>	<p>AL041196, AI174734, AI818167, AW027175, AI885412, AA861637, AI567464, AW007757, AL046529, AI199674, AW131788, AW058096, AI278213, AA314076, AI763223, AA826815, AA314412, AW169713, AA504396, AA256252, AI631521, AA488830, AA193266, AA614090, AI347284, AA603136, AW138007, AI248206, AA568780, W02835, N29825, AI091040, W30817, AA193528, W05581, AA310732, AA338877, AW083404, N70535, H81457, AL041195, AI571295, AI873719, AI953166, AA863177, H47241, T05339, AA987274,</p>

702	HCRPM45	874779	or equal to $a + 14$ .	AA864580, AI471327, AA338878, AI025214, AA255990, AA004772, AI557174, AI383280, AA229290, AA309912, AA229402, AW411021, N42518, AA761693, AA683316, AI904108, AI186957, AL134181, AA489077, AA861300, Z24985, Z36784, AC005254, AF001905, AC006430 AI820778, AI733535, AI820693, H25353, AF029308, U66061, AL049546, AC005345, AC004949, AL031007, AF003530, AC006548, AL030998, U73465, AC006479, AC007486, U80460, AL079333, AC005160, Z82216, AL009174, AL049875, AC007064, AL133312, AC005926, AC004911
703	HCQCT75	874780	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 702 of SEQ ID NO:702, $b$ is an integer of 15 to 716, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:702, and where $b$ is greater than or equal to $a + 14$ . Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 397 of SEQ ID NO:703, $b$ is an integer of 15 to 411, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:703, and where $b$ is greater than or equal to $a + 14$ .	
704	HCRPO92	874781	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 711 of	AA456950, AA386216

705	HCRNM87	874783	<p>SEQ ID NO:704, b is an integer of 15 to 725, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:704, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 318 of SEQ ID NO:705, b is an integer of 15 to 332, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:705, and where b is greater than or equal to a + 14.</p>	<p>AI910713, R42070, AW003035, AI793046, AI653141, AA402495, AI769220, AI440526, AI280082, AI263023, AI680237, AW136904, AI359977, AI269309, AA405739, AA576608, AA513373, AI654888, W95226, AI609921, AI139078, AA9333769, AI761067, AW009454, AW023685, AW299728, AW149440, AA405990, AA309655, AI762571, AI440034, AI000653, AI361426, AA535028, AA911081, AA868332, AI203844, AI499146, AL041862, AL046356, AL047675, AL042745, AL047092, AL045891, AL119748, AI866798, AL079977, AI250852, AI537273, AI799195, AI432666, AL042628, AI273142, AL045774, AI431424, AI436429, AW089664, AW131308, AI627988, AL042744, AL046926, AL045620, AL042787, AI371228, AL040243, AW149227, AI610557, AL045266, AL040207, AI800433, AI570781, AI433976, AL045500, AI433157, AL042488, AW151136, AI539771, AI537677, AI494201, AI500659, AI554821, AI815232, AI801325, AI500523, AL042538, AI582932, AI284517, AI923989, AI500706, AI445237, AI491776, AW151138, AI521560, AI889189, AI500662, AI284509, AI889168, AI866573, AI589267, AI633493, AI434256, AI805769, AI888661, AI284513, AI681985, AI888118, AI636445, AI889147, AI440252, AI610402, AI611348, AI366900, AI625589, AL039276, AW148716, AL042551, AW071417, AL045163, AW172723, AI572892, AL049085, AI887247,</p>
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	AI624548, AI590423, AI439717, AL048323, AW169653, AI800453, AW105601, AI567612, AI445165, AI269862, AI620284, AI246319, AW193134, AL043089, AI869377, AI866510, AI279984, AW082113, AI860003, AI564170, AI887499, AI758735, AI819970, AI590632, AL047422, AI537515, AW152469, AI073952, AW059837, AI497733, AI679179, AI364788, AI932638, AW104162, AW078735, AI275175, AI446373, AI500077, AW088903, AW089572, AI826225, AI811785, AW054931, AI440263, AW023590, AI499463, AI824576, AI432656, AA833760, AW089471, AI916419, AI564765, AL046990, AL036980, AW169604, AI829327, AI866786, AI918655, AI433384, AI610362, AI368868, AA012905, AW075413, AI520810, AI251434, AI274728, AI859585, AI963216, AI922901, AI440239, AI340659, AI784252, AW084869, AI932794, AI334930, AW302992, AW074869, AW268253, AI302910, AL042627, AI868204, AI890806, AA493923, AI680463, AI436456, AI306705, AI612885, AI801544, AI963846, AI567940, AI817244, AW151714, AI612913, AW148970, AI349957, AI690426, AI285826, AI564247, AW169848, AI863014, AI521594, AI499512, AW152024, AI889133, AI783861, AI872423, AI969601, AI567993, AI049851, AI954130, AI955587, AI923046, AI679764, AW118237, AI280670, AI859991, AW194441, AL040097, AI434223, N80094, AI610307, AI610429, AI433968, AI814087, AI446248, AW073898, AL122049, AL117585, AI2297, I03321, X96540, AF106862, A08916, AL133014, I89947, I48978, A08913, I89931, A08910, I49625, A08909, Y11587, AF153205, S61953, AL080074, AL133098, AL049464, AL110225, I26207, AF158248, X93495,

	E03348, L31396, U68387, AF146568, AL133072, L31397, AF104032, AF118064, AF118070, AL049314, AL137526, A08912, AL122110, AF017437, AL133080, AL137560, AL133077, E07361, AF111851, M30514, AL080127, AL137556, AF090943, U58996, AL133557, AF162270, AL137463, AL110280, AF113694, X82434, I48979, AL137557, AL122050, AF113676, AL133568, U80742, AL133113, U72620, AL049466, AF067728, X84990, AL050277, X72889, L19437, AL049452, I09360, Y11254, AL133640, AL117583, Z82022, AJ242859, Y14314, AL080124, AL137476, AL122123, AL050138, AL049300, AR038854, AF017152, AL133016, I00734, AF061943, U00763, AR038969, AF003737, AL133093, AL137550, X70685, AJ238278, E00617, E00717, E00778, S68736, AL117394, AL133565, U91329, AF111112, AL080060, AF113689, X87582, U67958, AL080159, AR000496, U39656, L30117, AR059958, AL137538, AL122098, U96683, AL133075, A45787, AL096744, AL117440, AL080137, AL137527, AF026816, AL122121, A93016, AF026124, S78214, E08631, AF125948, AL117435, U35846, AL137283, AF118094, A90832, A77033, A77035, AL137459, AL117460, AL117457, AL122093, AL137521, A58524, A58523, AF113019, AF113699, E15569, AF113691, AF113013, AB019565, AF078844, AF091084, AL133104, AF113690, AF113677, AF097996, Z72491, I42402, AL137648, E07108, AL050149, AL050116, AF125949, AL050146, AF090896, X65873, U42766, AL133606, AL133560, X63574, AF057300, AF057299, AR011880, AF119337, AL133067, AF090934, Y16645, A65341, E05822, AL050024, E04233, AL110196, AJ000937, AF087943, AL049430, I33392, AL049382, AL137271, E02349, AF183393, A93350, AL110221, AF090900, AF090903, Y09972, A07647, AL050108, AF177401, AF185576, AF090901, AL050393, AF079765, A03736, AJ012755,



706	HBJFU36	874784	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 712 of SEQ ID NO:706, b is an integer of 15 to 726, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:706, and where b is greater than or equal to a + 14.</p>	<p>X98834, E08263, E08264, AF061573, I41145, Z37987, U78525, AL137292, AL133049, AL137533, AL117432, E02221, AJ006417, AL080086, AL049938, AL049283, AF051325, AL137523, AF079763, AF111849, X92070, Y07905, AL050092, AL137480, AF008439, AB007812, AL110197, U49908, AL050172, X53587, AL137478, AF132676, AF061836, AF210052, AL122118, AF081197, AL133081, AR054984, AR013797, AL137273, AL137294, AF100931, X62580, AF067790, AL122111, AL080158, AF061795, AF151685, AF106827</p> <p>AI494291, AI582807, AA417018, AA608841, AW299459, AA417112</p>
707	HCRPZ29	874785	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 539 of SEQ ID NO:707, b is an integer of 15 to 553, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:707, and where b is greater than or equal to a + 14.</p>	
708	HCRON58	874786	<p>Preferably excluded from the</p>	AP000065, Z36802

709	HCRNG90	874787	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 241 of SEQ ID NO:708, b is an integer of 15 to 255, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:708, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1061 of SEQ ID NO:709, b is an integer of 15 to 1075, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:709, and where b is greater than or equal to a + 14.</p>	<p>AW271686, AW025554, AI420969, AI202304, AA375089, AA337142, X55740, D14541, J05214, L12059, U21730</p>
710	HCQDT67	874788	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 739 of SEQ ID NO:710, b is an integer of 15 to 753, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:710, and where b is greater than or equal to a + 14.</p>	<p>H49070, AI557262, T18597, AI557241, AI536138, AI525556, AI557084, Z32887, D59751, AI525500, AI557533, AI525302, AI525757, AI536070, Z33559, AI541356, AI557864, AI535660, AI557238, AI526078, AI557082, AI541365, AI557317, AI541205, AI557809, AI525316, AI525856, R29657, AI535639, AI540903, AI541321, AI525878, AI557731, D50992, AI541034, AI535813, AI557602, AI525568, AI525656, AI557155, AI557810, D30843, AI540974, AI541353, AI546829, AI541027, AI541048, AI541075, AI541346, AI536150, AI557312, AI557258, AI541450, AI557222, R18946, AI557408, AI557039, H65400, AI525666, AI535994,</p>

711	HCVAC32	874790	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 765 of SEQ ID NO:711, b is an integer of 15 to 779, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:711, and where b is greater than or equal to a + 14.</p>	<p>N71206, AI557234, A62298, A82595, Z30183, A82593, AF006072, AR050070, U94592, U45328, A62300, AR025466</p> <p>AA308814, AA305159, D80268, D80366, C14014, C14389, F13647, C06015, D80522, Z21582, D81111, AW177440, D81026, C14227, D58283, AW178986, D80188, T03116, D50979, AA305578, D51423, D80251, D80043, AW352117, AA305409, D59859, D80253, D80168, D80166, D59619, D80210, D51799, D80240, D80064, D59502, D80014, D81030, D80038, AA514188, C14331, D80212, D51022, D80219, D80022, AA514186, D57483, D50995, D80195, D59467, D80391, D80164, D59275, D59787, D80227, D80024, D51079, D80439, D80248, D59610, D59889, D80196, D59927, C15076, D80269, AW178762, T03269, D80247, D80193, T11417, D80045, D80241, D80133, D80378, D51759, D52291, D80157, AW378533, C14407, C14298, AW178893, AW178906, D80302, AW360811, D51103, AW377671, D59627, AW378540, T02974, AI557751, AW378539, AW375405, D80258, AW179328, D51213, AW179019, AW378532, D45260, AW366296, AW360817, AW179020, T48593, AW375406, AW378534, AW377676, AW352171, AW179332, AW377672, AW179023, AW178905, AW177731, AW378528, AW178754, AW179024, D51250, H67854, AA809122, AW352170, AI525923, AW177456, C03092, AW178907, AW178908, AW179018, AI525917, H67866, D59317, AW360834, D59474, AW367950, D58246, AW178914, AW178774, AW178781, AW378543, C14957, D59503, AA514184, D51221, AW179013, Z30160, C14344, C14973, AI525920, AI525235, AW378525, AW352163, D58101, AI557774, AI525912, AI525227, AI535686, AI525242, T03048, D59551, C16955, H67858, AI525215, AA285331, D45273, AW378542, AI525925, Z33452, AI525237, T02868, C13958, D50981, AB024705, AR008278, AR060385,</p>
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712	HCYBK32	874791	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 556 of SEQ ID NO:712, b is an integer of 15 to 570, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:712, and where b is greater than or equal to a + 14.</p>	<p>AR018138, A622298, AJ132110, A84916, A623300, AF176315, AB028859, AF058696, A82595, AB002449, X68127, I50126, I50132, I50128, I50133, X67155, Y17188, D26022, A25909, AR060138, AR016514, A67220, D89785, A78862, D34614, Y12724, A45456, AR008443, A26615, AR052274, A94995, AR066488, Y09669, A43192, A43190, AR038669, AR066487, A30438, D88547, I14842, AR054175, AR008277, AR008281, Y17187, AR016808, X82626, D50010, A63261, AR025207, AR008408, AR062872, A70867, AR016691, AR016690, U46128, I79511, A64136, A68321, AR060133, D13509</p> <p>AA305485, AW378532, H67854, AW360855, C14014, AI620988, D81026, D80045, D80522, C14389, AL031596, Z95113, Z82203, AC008018, AC000003, AC002300, AC009336, AL022163, AC005659, AC002054, Z93023, D34614, AL049795, AC002472, AC004447</p>
713	HWMCE07	874793	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 863 of SEQ ID NO:713, b is an integer of 15 to 877, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:713, and where b is greater than or equal to a + 14.</p>	<p>AI694457, AI084574, H73226, AA374222, H63305, R10177, W22116, AI815151, AI744548, R23063, AW170301, AI912329, H74235, AI760693</p>

714	HCR0L83	874795	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 642 of SEQ ID NO:714, b is an integer of 15 to 656, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:714, and where b is greater than or equal to a + 14.</p>	<p>AL021182, AC005304, AC002509, AC004801, AC007073, AC004870, AC004835, AC004963, AL034449, AJ010597, AP000965</p>
715	HCYBM89	874796	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1516 of SEQ ID NO:715, b is an integer of 15 to 1530, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:715, and where b is greater than or equal to a + 14.</p>	<p>AL079941, AA992942, AI817243, AI767556, AI766123, AA541673, AI016265, W37912, AI088252, AI187112, AW327720, AW024610, AW408508, N45388, N29507, AI569234, AI347459, AA156676, AI440004, AW452133, AA503868, AA703764, AI478659, AA112546, AA812913, N26817, AI819565, AA305708, W96378, AI311576, AA278209, AA305267, AA480175, W84794, AA581604, AA581605, AA337265, R73725, AI383351, AI024650, AI365019, AA112610, N99139, H54289, AI453204, AI637926, AW005019, AA193572, AA773660, W96377, AA463676, AA458599, W84841, R80844, H03715, AA781700, AA894704, H54367, W15585, AA445962, AA250802, AA431705, R52442, R80845, W23974, AI744046, R67477, AI141754, AA354090, R35475, R68491, R21025, AA193609, D61894, R73645, R26394, T31927, AI525962, H03716, AA156808, R46135, N57449, N55968, Z41367, AI760807, W31661, AA431498, AA249349, AA759185, AI282529, AA337457, AA037028, R52408, AA337363, AI183301, AA278889, Z45699, AA843795, AF150117, D51799, C14331, D80166, D59619, D80210, D80240, D50979, C14429, D80219, AA514188, D80522, AA305409, D80227, D80133, D80269, C14389, D51060, D80248, D81026, D59859,</p>

	AW377671, D58283, D51423, D80253, D80022, D80366, D80195, D59467, D80391, D80164, D59275, D80043, D59787, D59502, D81030, D59610, D50995, D80378, D80212, D59927, AW360811, D80188, D80196, D51022, AW177440, D57483, C15076, AA514186, AA305578, D80038, D80024, D59889, C14014, D80268, D80193, AW178893, D80045, D80251, AW178983, D80241, D80439, AW375405, D80247, D80302, T03269, AW360844, T11417, AW178906, C06015, AW366296, AW179328, AW360817, D51103, AW375406, AW378534, AW179332, AW377672, D59653, AW179023, AW178905, C75259, AW378532, AW177501, AW177511, AW178914, AW360834, AW352171, AW377676, AW352170, AW177731, D80157, AW178907, AW378528, AW178762, AW179019, AW179024, AW178980, AA809122, T48593, C05695, AW176467, D51250, D51759, AW367967, AW360841, AW177505, AW179020, AW178775, AW178909, AW177456, AW179329, D80134, AW177733, AW178908, AW178754, AW179018, AI557751, AW352158, AW352117, F13647, AW369651, AW178774, D80064, D80132, AW352120, AW179004, AW179012, C14344, AW378525, AW352163, D58253, C14407, D45260, D80014, D81111, AW378543, AW177728, D58101, AW179009, AW178911, AW367950, AW177722, AI535686, AW378540, AI910186, AW352174, AC006378, AC006479, AF007551, AR053396, U42755, AF007552, AR018138, A84916, Y17188, A62298, AB028859, A62300, AR008278, AJ132110, A82595, A30438, AF058696, I50128, D26022, A25909, A94995, Y12724, I50133, X82626, AR060385, X67155, A67220, D89785, A78862, D34614, AB002449, AR008443, I50126, I50132, D88547, AR060138, AR066488, AR016514, A45456, A26615, AR052274, X68127, Y17187, A43192, A43190, AR038669, Y09669, AR066487, AR008277, AR008281,

716	HCRNX33	874797	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 728 of SEQ ID NO:716, b is an integer of 15 to 742, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:716, and where b is greater than or equal to a + 14.</p>	AR025207, I14842, AR054175, A63261, D50010, AR062872, AR016691, AR016690, U46128, AR066490, A70867, I18367, AR008408, A64136, A68321, D13509, U79457, AR060133, AB012117, I79511, AR032065, AF123263, AJ000347, AR008382  AI458659, AI718398, AI912182, AA912114, AI817919, AW340262, AA978177, AI942220, AI364351, AI420859, AW072094, AI869085, AI703432, AA889858, AI693223, AI693660, AI582932, AI358701, AI537677, AL135661, AL041573, AI285735, AI349645, AA572758, AI554821, AI564247, AI917253, AI866780, AI288285, AW268253, AI345253, AI801544, AI955906, AI348897, AI537076, AA848053, AI571000, AI636456, AI343059, AI611348, AW161579, AI174819, AI174394, AI349933, AL047344, AI439762, AI654276, AL119836, AI668893, AI340603, AI625094, AA420722, AL046942, AI499263, AI345587, AA279293, AI312428, AW162189, AI494201, AI254226, AI888621, AL040241, AI344935, AI619607, AW268083, AW274192, AI446373, AI537273, C16221, AI567940, AI521560, AL048323, AI302910, AI698391, AL048340, AI923989, AI819976, AI539808, AW089572, AI560012, AI537991, AI446538, AW302988, AI923370, AI349787, AI580984, N71180, AI345745, AI610557, AI864836, AI623396, AW079075, AI554344, AI623682, AA470491, AI799234, Z99428, AI500061, AI969641, AW059713, AI345735, AI364788, AI929108, AI916419, AW054931, AW118382, AI270657, AW071417, AI963846, AI590423, AW088899, AI246319, AI524526, AI366549, AI636719, AI539153, AA176980, AI687127, AI539771, AL036396, AI683395, AI560030, AI866608, AW169658, AI805688, AI334884, AI611743,
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	AI249877, AW083804, AI696626, AI801322, AI589993, AI805638, AI365256, AI345347, AI343037, AI366992, AL037582, AL037602, AI345677, H89138, AA493647, AI340627, AI310925, AL038605, AI340519, AI174591, AW020693, AI590120, AI307543, AI888953, AI345251, AW151138, AA938092, AI349957, AI345224, AI336513, AI889168, AI340659, AI267502, AA579232, AI348895, AA635382, AI866082, AI572892, AI345005, AI538817, AI815232, AI612885, AI805769, AI313352, AI345397, AI311892, AI334930, AI349256, AI307736, AI349622, AI632997, AW118518, AI346429, AL036274, AI349266, AI334452, AI344938, AI345370, AI702406, AI345674, AI345739, AI538885, AL036804, AL038778, AW149227, AW403717, AI345567, AI476109, AI570781, AI336585, AI310606, AL121365, AI493576, AI567360, AI348854, AI445976, AI798456, AW068845, AW151136, AW022682, AI608813, AL036718, AI500523, AW163834, AI859464, AW071380, AI345608, AI521012, AI277255, AI589267, AL036802, AI590415, AL043975, AW269097, AL036146, AI273142, AW268072, AI635492, AL036631, AW082033, AW075084, AA974049, AL037454, AI950664, AI312399, AI349937, AW020095, AI824746, AI805385, AI242251, AI307210, AI307708, AI344817, AI312325, AI500659, AI284509, AW172723, AA493923, AI633125, AI818980, AI345471, S72504, D31716, I89947, AL049300, AL117435, AF113690, S78214, AL133075, AL049466, AF097996, E05822, A08916, AR011880, AL122093, Y09972, AL133104, I48978, E02349, AL122123, AF146568, A08910, A08909, AJ238278, AL117457, AL133016, AF090934, AF125949, X87582, AL137459, AF090903, A08913,



	AF113019, I89931, Y16645, AL049938, AL117585, AF177401, I49625, X84990, AL110221, S68736, AL133606, U00763, AL080060, AL137648, AJ242859, AF183393, AL137538, AF113699, AL133557, AL096744, AL050277, AF106827, AL050146, AL2297, X82434, AL049452, L31396, AF158248, AL137550, AL080137, AL117394, L31397, AJ006417, AL137526, AL050024, AL049430, AL049347, AL035458, AF113677, AF118070, AJ000937, AR038969, I33392, U42766, AF079765, AF113013, AL049464, AF017437, I09360, AL110196, AL122050, A77033, A77035, AL049382, AF090900, AF106862, AF111112, I48979, AL137556, AL117583, U96683, A45787, A08912, AL050138, U35846, AF104032, AF078844, E03348, AF090943, AL133640, AL049314, AL110197, AL050393, AF113691, AL122110, AF118064, AR000496, U39656, AF141289, E07108, AF090896, A07647, AL133077, AL110225, AL133113, AL133565, AL137479, AR038854, AL080086, AF003737, AL137557, I03321, AF017152, AL080127, AL050116, AL133072, X63574, AL137476, AF162270, AF026816, AB019565, AL133093, Y11254, X70685, AL133098, AL117460, AL137527, X98834, U72620, AL133067, AL137283, AL049283, AL050172, AF079763, AL122098, AL050149, AL137533, AL050108, AL137521, U91329, X96540, S61953, Y11587, AL137560, U58996, AR059958, AL133568, AL133014, AF090901, A03736, X72889, A58524, A58523, AF113694, AL137463, I41145, AF113689, U67958, A08908, AL133080, AL080159, I26207, I17767, Y14314, AF113676, U80742, X93495, AL122121, AF057300, AF057299, AF061943, AL133560, AR013797, AL122049, X62580, AL137523, AL117440, AJ012755, E07361, I29004, I00734, A18777, E04233, AF087943, E08631, E00617, E00717, E00778, AF061573, A93016, AF118094, A65341,

717	HCYBM31	874800	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 806 of SEQ ID NO:717, b is an integer of 15 to 820, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:717, and where b is greater than or equal to a + 14.</p>	<p>I42402, AF111851, Z37987, AF125948, A90832, A08915, A08911, AC002467, AL080124, X81464, AF119337, L30117, X92070, AF026124, E15569, U88966, AL110159, Z72491, AF210052, Z82022, S77771, X65873, Y10080, AF091084, AF126247, AF067728, AL137271, M30514, AF153205, A93350, AF185576, AL110280, AF081197, E08263, E08264, I89934, AF065135, AL122111, AL080074, AF111849, AF017790, U68387, E02221, AL133665, S76508, AL137539</p> <p>AI566493, AW375947, AA305406, AA313526, AA056417, AI732393, AA053102, AI623483, AI732453, AI262603, AA088861, AI920859, AI922856, AA565642, AI688206, AI721059, AI601183, AA045860, C14331, D50995, D59467, D80522, D80133, C14429, D80269, D81026, D80227, D59610, C14389, D80195, D51060, D50979, D59502, D80164, D59275, D80248, AW377671, D51022, D58283, D80366, D59859, D51799, D80022, D80166, D51423, D59619, D80210, D80391, D80240, D80241, D80253, D80043, D59787, AA514188, C15076, D80038, AA305578, D81030, D80378, D59927, D80212, D80193, D80196, D80188, D80219, AA305409, D80045, C06015, D80251, D57483, C14014, D59889, D80024, AW178905, AW360811, D80268, AW177440, D80302, AA514186, AW178983, D80439, AW178893, T03269, D80247, AW178909, AA809122, AW178907, AW375405, AW360844, D59373, AI535686, C75259, AW177501, AW179328, AW177511, AW366296, T11417, D51103, AW360817, AW375406, AW178906, AW378534, AW352171, AW179332, AW377672, AW179023, AW378532, AW352170, AW377676, AW360834, D80157, AW178908, AW360841, C05695, AW177505, AW178775, AW178762, D51759, AW177731, AW178911, AW378528, AW178754, AW179019, AW179018, AW179024, D80132, AW352117,</p>
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718	HDAAX73	874801	Preferably excluded from the	AL121652

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 449 of SEQ ID NO:718, b is an integer of 15 to 463, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:718, and where b is greater than or equal to a + 14.	
719	HDACJ67	874802	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 526 of SEQ ID NO:719, b is an integer of 15 to 540, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:719, and where b is greater than or equal to a + 14.	AA305080
720	H2CBL90	874803	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 823 of SEQ ID NO:720, b is an integer of 15 to 837, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:720, and where b is greater than or equal to a + 14.	AI951683, AI809714, AI809721, AI394533, AI767318, AI094691, AA029855, AA028984, AI290496, AI369846, AW016201, AA458598, AA307690, AW050754, AI360916, AI869170, AA909457, AW170168, AI970554, AA551468, AI283689, AW277118
721	HPCOE53	874804	Preferably excluded from the	AA228027, AA609203

722	HDPGS84	874805	present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 724 of SEQ ID NO:721, b is an integer of 15 to 738, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:721, and where b is greater than or equal to a + 14.	AL043048, AA742189, AW054764, AI561117, AI992302, AI923292, AW166727, AI274788, AA234559, AI355592, AA112369, N46618, AW377234, AW377342, AW377356, AW377386, AI587445, AI678832, AA047021, AW377302, AI219803, AJ002744
723	HCRMQ21	874807	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 492 of SEQ ID NO:722, b is an integer of 15 to 506, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:722, and where b is greater than or equal to a + 14.	W21045, N95503, AA609427, AI160455, AI023376, N64494, AI360803, AI129199, AI761577, AI288246, D79868, AI382744, AI125069, R27394, D63048, AI288350, AI418959, AW024620, N95217, AI557123, AI471229, AI744766, AA494313, AA748657, W45037, AW451949, AI188674, AI362545, AI864630, AW008348, AW130278, AA612882, AA088415, AW439086, AI199886, AA872816, AW105430, AI017637, AI333449, AA092740, T24817
724	HDTBM35	874809	Preferably excluded from the	AA767157

725	HCYBL83	874810	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 434 of SEQ ID NO:724, b is an integer of 15 to 448, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:724, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1207 of SEQ ID NO:725, b is an integer of 15 to 1221, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:725, and where b is greater than or equal to a + 14.</p>	<p>AI623321, AW300556, AI863182, N41015, AA609331, AI262113, AA421238, AI675316, AA677554, AA693786, N47992, AA421278, T79801, AA305618, N51199, W90182, W90035, N47120, AW195215, AW377671, AI535959, F13647, D80522, D81026, T11417, C14331, AA809122, AW178893, D80251, AW177440, D80133, C14429, AW360834, D80166, AW375405, D80248, C06015, AW360817, AW360811, AW177731, D80366, AW366296, AW179332, AI557751, AW360844, T03269, C14389, AW179328, T48593, AW375406, D80014, D80439, AW378534, AW178906, D58283, AW377672, AW360841, AW179023, AW178905, D59859, D80022, D80195, AA305578, D80193, D59927, D59467, D51423, D59619, D80247, AW378528, D80210, D51799, D80391, D80164, D59275, AW178762, D80240, D80253, D52059, D80038, AW179019, D80043, D59787, D80227, AI535686, AW378533, D59502, AA305409, AW378532, D45260, D80258, D81030, AW178914, D80269, D59610, C14014, D80212, D80268, D80196, D80188, D51022, D50979, D80219, D50995, AW176467, AW352120, AW179024, AA285331, D80302, AW179020, D80157, AW377676, C15076, D51060, AW352171, AW177733, D57483, D51103, AW352170, D59889, AW178774, AW178907, AW178908, C03092, D80045,</p>
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726	HDTJE91	874812	<p>AW352117, D80024, AA514186, AA514188, D51759, AW367950, D80241, D80378, D51250, AW178781, AW378539, AW378543, AW179329, AW378525, AW352163, AW179018, AW378542, AW178911, AW177505, AW178775, AW178980, AW178909, AW177456, AW179004, AW177728, AW178986, AW178754, AW378540, AW352158, AW360855, AA514184, D58101, D81111, D58246, D59503, H67854, AI525917, C14227, D80064, D80390, H67866, C05695, T03116, D59317, AW177734, C14973, C75259, AI557774, D59474, AI525920, AI525923, AI525227, AI525235, AI525925, AI525215, AI525928, AR020753, X91148, X75500, X83030, AR020750, X59657, AR020749, X78567, X68127, L47970, Y17187, AF123263, A82595, A30438, A84916, I50126, I50132, I50128, I50133, A62298, Y17188, A62300, AR018138, U46128, A94995, Y12724, AR062872, AR016514, AR066488, AR060138, A45456, AB028859, D26022, AR060385, AR066487, AJ132110, A26615, AR052274, A43192, AR008278, A63261, A43190, AR038669, AF058696, A25909, A70867, A67220, D89785, Y09669, A78862, D34614, X67155, AR008443, AR016691, AR016690, AB002449, D88547, A64136, A68321, I14842, D50010, AR054175, AR050680, AB019242, AR025207, AR060133, AR008408</p>
			AA013006
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 206 of SEQ ID NO:726, b is an integer of 15 to 220, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>

727	HE6BI48	874813	<p>NO:726, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 880 of SEQ ID NO:727, b is an integer of 15 to 894, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:727, and where b is greater than or equal to a + 14.</p>	<p>AA838817, AI363359, AW381999, AW381997, AW382037, AW382000, AA130883, AW382042, W44317, AW382041, AW024421, AW382039, AI860245, AW382036, AW381961, AA181315, AA476550, N36268, AI745226, AA934010, AI864889, AW190584, AI934734, AA476511, W45689, AA397755, AI360479, AW296273, AA725447, AI057565, AI057575, W69682, AW382054, N48961, AW294934, AI289253, AI420914, R73005, AA834847, N26942, AA287909, AW129159, AI469219, N93170, AA722597, N24813, AA480568, AA973375, AA608646, W69923, AI802361, AA187057, AA922809, AW405922, AA765559, N50732, AI371721, W69742, AA025176, AI198763, N29758, AA489547, AA025086, W38774, AA846251, AA469332, AA628720, AI620348, N45678, R73609, AA485936, AA953969, AI419552, AI673394, N79465, AI371497, N55055, R92585, AW382008, AI380273, AI380284, AA130938, T10624, AA644324, F30043, T24907, W02954, C04728, AA476411, AI265839, AA215872, AA781266, AA972633, AA845384, AI886300, AI918596, AW073685</p> <p>W88920, AA244168, AA428402, AI199155, N45235</p>
728	HE8NK63	874815	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 829 of SEQ ID NO:728, b is an integer of 15 to 843, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:728, and where b is greater than or equal to a + 14.</p>	
729	HDTHF30	874816	<p>Preferably excluded from the present invention are one or more</p>	<p>AA393337, R14286, AI469488, AC005156</p>



730	HDPY54	874818	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 738 of SEQ ID NO:729, b is an integer of 15 to 752, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:729, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1479 of SEQ ID NO:730, b is an integer of 15 to 1493, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:730, and where b is greater than or equal to a + 14.</p>	<p>AI242679, AI128033, AI204040, AA463374, AA609277, AI092770, AI372861, AI650665, AA131907, AA503404, AI658580, AA969174, AA425154, AW022724, AA480929, AI219771, AA904881, AI925661, AA515933, AA464617, AI350638, AA534042, AA632228, D62936, AI352219, AA303392, AA928391, AA455315, AA759364, AA344086, AA027060, AA652905, AA974613</p>
731	HE2LN12	874819	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1043 of SEQ ID NO:731, b is an integer of 15 to 1057, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:731, and where b is greater than or equal to a + 14.</p>	<p>AW069817, AA889537, AI304644, AI424965, AA442375, AA437296, AI685473, AA922676, R80299, AA749272, AA903905, AI283505, T93911, AI859758, R80197, AA285021, AA678303, T93867, AI950607, AA454122, AA699761, AI439452, AI949510, AI269205, AI284035, AI950729, AI932794, AW151136, AI884318, AW169604, AW073708, AI569975, AW020397, AI288305, AI630928, AI690748, AW131282, AI955117, AA872507, AI445829, AI872423, AW079409, AI473451, AI582932, AW023072, AI561038, AI270099, AI473799, AI610895, AI524671, AW051088, AW103928, AI633125, AI927233, AI702073, AI698391, AI538564, AI815232, AW019988,</p>

	AI915291, AW152182, AI538850, AW166583, AI889189, AI784252, AI473536, AL046618, AI952217, AI866469, AI572096, AL039716, W74529, AI440239, AI682798, AI591420, AW191844, AI570807, AI538055, AI952145, AW008589, AI687809, AW078895, AI440426, AW238688, R32821, AW117926, AI433157, AI365256, AI685798, AI619737, AW118496, AW198090, AI590227, AL046595, AI281757, AI309244, AI566670, AI375303, AI355779, AW102794, AI802542, AW148423, AL043355, AI587606, AI539771, AW089275, AW148294, AI955917, AI538980, N33175, AI963346, AI417790, AI635467, AI696570, AI590134, AW083778, AI619426, AI866770, AA514684, AI554821, AI670009, AI679266, AI280732, AI274508, AI648509, AI627893, AI287449, AI610799, AI521560, AW102924, AI254731, AW080746, AA806720, AL036673, AI634345, AI572021, AI273085, AI932966, AW263355, AI889376, AI471712, AI678446, AI571439, AI499963, AL037030, AI536638, AI640704, AI354630, AI610402, AI673363, AA502794, AI564259, AI624293, AL039086, AI891031, AI567373, AW162194, AW074161, AI933992, AI956080, AI636588, AI866040, AA788861, AI285448, AI633198, AW198021, AI651840, AI923370, AL046466, AI525653, AI890507, AI963458, AW168503, AW073677, AI888621, AI636585, AI868931, AW169132, AW085734, AI571867, AI819522, AW192652, AI500463, AW080090, AI609236, AI500061, AI631273, W46378, AI890907, AI913330, AI539800, AW080992, AW129230, AA641818, AI628331, AI561231, AA805434, AW026087, AW081515, AI874261, AI554343, AA001397, AI971615, AI570861, AI609409, AI471282, AI591387,

	AI345688, AW167021, AI611738, AI768496, AI926878, AW026882, AI538764, AI917963, AI612750, AW193125, AI159837, AW050850, AI500714, AI521040, AI811373, AI859991, AI623941, AW118518, AW081866, AI609589, AW192701, AI439745, AI559586, AI862139, AI609069, AI559296, AW168452, AL045500, AI251221, AA579618, AL037454, AI916419, AI912510, AW088628, AI961589, AW163834, AI270706, AI799183, AB002350, AF067728, I89947, X83508, I48978, Z82022, AR038854, AL133075, AF030513, AL080159, A77033, A77035, AL080148, AL137480, AJ005690, A15345, AL117460, I09499, A08910, A08909, A08913, AL137529, AL137550, AF003737, A21103, AF126247, AL137267, A08908, AL023657, AF061981, A52563, AF097996, AJ000937, AL137271, A08912, Y07905, AF032666, A18777, Y11587, I33392, AF183393, AL117649, AL117440, AL133113, E12747, S36676, AL137557, I48979, AF111849, AL122100, M27260, AF090903, AL050149, AF177401, AL050155, AF106657, AF139986, Z97214, D83032, AL137479, AL050393, AL137463, I89931, AL133067, AF087943, AL137533, AL050138, AL133560, I49625, A93350, A18788, I89944, AF162270, AF113019, A08916, E02349, AL110221, AF106862, AF091084, AF113677, A49139, AF185576, AL133665, A58524, A58523, AR020905, AF073993, AL117416, AF106697, A45787, X82434, A65341, AF051325, U58996, AL110296, AJ242859, AL137538, AL117435, AJ012755, I89934, AF026816, AF113690, AL050277, AL133558, AF054599, AL133080, X80340, AL080154, I17767, AF153205, Y14314, AF061573, AF210052, AF113691, AF031903, AF090934, AL122050, AL137560, AF069506, AL050092, AL137294, AL110280, AL110218, L13297, L19437, AL049283, AL137459, I17544, AL122045, AR011880,

732	HWLUR88	874820	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 465 of SEQ ID NO:732, b is an integer of 15 to 479, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:732, and where b is greater than or equal to a + 14.</p>	<p>AF118094, AL080126, E02221, AL137292, AL122110, AL110196, AR029490, X98834, AL122123, I00734, AF079763, Y10080, Y16645, AL137478, AL049314, AL133081, I46765, AF026124, AL133016, E00617, E00717, E00778, AF158248, E06743, AL137488, AL12297, X65873, U35846, U88966, U00763, U67958, X62580, AF031147, E07108, AL050116, U80742, U78525, AL049452, AL096751, A03736, X63574, S78214, AR013797, AF028823, AL050024, X60786, E04233, AL049430, AF118090, AB007812, Y09972, AL049426, AL110222, AL133606, S76508, AF057300, AF057299, X96540, AL117438, E02253, AF113699, A76335, L30117, X84990, AL133557, AF017152, AF000301, AF061795, AL117457, AF151685, I66342, U49434, AF090901, AL137521, AF008439, X81464, AF111112, AB019565, AF113694, AL133104, E03348, AL137283, AR034830, I96214, I28326, AL049938, AL110197, AL137648, AF159615, AL117585, U68233, I92592, A07647, E08631, AL050146, AL080074, AL137548, AJ006417, X72889, A23630, AL110159, AL080124, AF067790, AL133640, AL122106, Z37987, AL117578, AF090900, U00686, AF040751, AL050108, AI813370, AI347789, AW172489, AA632341, AI640332, AI831043, AI634781, N54622, AI243330, AA465716, AI537517, AI286048</p>
733	HE8SB04	874821	<p>Preferably excluded from the present invention are one or more</p>	<p>AA464464, AI082218, AW182490, AI379580, AA909005, AI635358, AA774283, AI803700,</p>

734	HE9QM31	874822	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1505 of SEQ ID NO:733, b is an integer of 15 to 1519, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:733, and where b is greater than or equal to a + 14.</p>	<p>AA662215, AW301638, AI363123, AI474335, AI123665, AI190331, H96655, AI823462, AA418515, N39183, AI283895, AI344676, N67658, AI356942, AI275386, AI086744, AW340859, AA478632, AI992081, AA055027, AA332619, AI073593, AW391585, AW391557, AW391597, N30407, AI828565, H66960, AW071063, AW367530, AI435912, AA883345, AA620895, AA662176, AA457116, AI082686, T61810, W01126, AA366710, AW014626, AA332593, AA598450, AI470713, T94660, T94309, AW391546, AI216703, AL121213, AI284173, AI023567, AW361583, AI473308, T24444, AW130493, AI053434, AI054246, AI307426, AI053816, AW301818</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1435 of SEQ ID NO:734, b is an integer of 15 to 1449, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:734, and where b is greater than or equal to a + 14.</p>	<p>AA100448, AI310529, AA100445, AI954572, AA313352, AI221151, AI572035, AA044643, AI357541, AI056009, AW014460, AA846147, AI221914, Z41264, AA452975, N45557, AI364800, AA135867, N28381, AI653149, AA042829, AI890761, AI373810, N41344, AI290777, AI287638, AA770036, AA135868</p>
735	HTELU32	874827	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 916 of SEQ ID NO:735, b is an integer of 15 to 930, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:735, and where b is greater than</p>	<p>AI859095, AW001089, AI754571, AA024427, W93217, AI754568, AI970128, AA705518, AI368207, AA582905, W93216, AI660520, AI739331, AA535050, AA339696, AA024426, AW131858, AI357688, AA280596, R28813, AL046820, R28840, AF088072, AL117629</p>

736	HEMGV90	874828	<p>or equal to <math>a + 14</math>.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 900 of SEQ ID NO:736, b is an integer of 15 to 914, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:736, and where b is greater than or equal to <math>a + 14</math>.</p>	<p>AI393309, AW005351, AI807923, AW166132, AA194090, AI799077, AI916382, AW328387, AI131240, AA287690, AA855025, AI694793, AI362805, AI131388, AI198516, AA287658, AI701814, AW139698, AA934428, AI824988, AW328388, AI680753, AA304908, AI654495, AI955554, AW340414, AI188081, AI630546, AW300307, AA062563, AI969069, AI309588, AI266070, AA987983, AI675830, AI138878, AA960973, AA973643, AI990363, AW087574, AW138983, AI741149, AA308513, R01958, Z63217, Z62190</p>
737	HDTMC78	874829	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1213 of SEQ ID NO:737, b is an integer of 15 to 1227, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:737, and where b is greater than or equal to <math>a + 14</math>.</p>	<p>W75954, AI818978, AW104295, AA310716, AI268282, AI695027, AI338037, N51604, AW194256, W72858, AA910060, W38965, AA034219, AA972762, AA932804, R31025, AI702974, N53893, AI381410, AI701035, AA033535, AI971270, R31515</p>
738	HFOXN77	874830	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 761 of SEQ ID NO:738, b is an integer of 15 to 775, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:738, and where b is greater than</p>	<p>W61005, W60917, AA594318, W78840, AA973426, T67067, H82716, T67023, AA057235, W32151, AI274912, AI245780, AI420911, AA058680, H44819, AI334825, AI139937, T93264, W22954, H45775, N70872, H83584, H43045, AW136595, H42569, T67066, AI783774, W06829, W32003, W80739, H21819, N91786, H27240</p>

739	HWLMW6 1	874832	<p>or equal to <math>a + 14</math>.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1423 of SEQ ID NO:739, b is an integer of 15 to 1437, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:739, and where b is greater than or equal to <math>a + 14</math>.</p>	<p>AL048242, AA488387, AI859912, AA635142, AI634222, AI094012, AI753483, AI079976, AI004764, AA774688, AI890561, AW361493, AI805597, AI674711, AI014503, AW272372, AI080247, AI919501, AA344044, AW408115, AA503765, U22233, AR059583</p>
740	HHFLR55	874835	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1375 of SEQ ID NO:740, b is an integer of 15 to 1389, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:740, and where b is greater than or equal to <math>a + 14</math>.</p>	<p>AI478119, AW297828, AA133259, AA164334, AI688009, AA313903, AA298157, W52898, N49843, Z43233, AA418223, AA234654, R13291, W00517, AI521689, AA223389, N78442, AA090729, AA650256, N76619, N76618, AA375175, AA418077, T10773, AW179049, AA295774, D58310, U10550, U13052, Z80109, U13053, U10551, U34830</p>
741	HWLQO14	874836	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 838 of SEQ ID NO:741, b is an integer of 15 to 852, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:741, and where b is greater than</p>	<p>W73189, AI739658, AW162602, AI038197, AA515992, AA505599, W72792, W76439, AA505559, AI372041, AA505550, AI344182, AI345860, AI345870, AF025304, I41939, AA505740</p>

742	HHGDC54	874837	<p>or equal to <math>a + 14</math>.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 432 of SEQ ID NO:742, b is an integer of 15 to 446, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:742, and where b is greater than or equal to <math>a + 14</math>.</p>	AC005332	
743	HMSCD54	874843	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 878 of SEQ ID NO:743, b is an integer of 15 to 892, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:743, and where b is greater than or equal to <math>a + 14</math>.</p>	AA521238, W56901, N94826, W79140, W39103, N29199, W79333, AW403689, R78672, T84674, N49349, R13386, AW407725, AW388564, AI300084, AW388522, AW388547, W21163, AW388541, AA355390, AW388412, AI817084, AI913840, F03716, AW388542, AI816739, AW388422, N63570, AI809415, H21737, AI991028, AW009328	
744	HISCH48	874844	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 686 of SEQ ID NO:744, b is an integer of 15 to 700, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:744, and where b is greater than</p>	AI142131	



745	HHGDL18	874845	<p>or equal to <math>a + 14</math>.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:745, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:745, and where b is greater than or equal to <math>a + 14</math>.</p>	<p>AI738662, AW193278, AI459915, AA887962, AF107453, U07664, X56537</p>
746	HOSMQ26	874847	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1315 of SEQ ID NO:746, b is an integer of 15 to 1329, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:746, and where b is greater than or equal to <math>a + 14</math>.</p>	<p>AI660037, AI299786, AA829747, H56186, AA352328, W38841, AI161351, AI148191, R96121, AA995008, AI193065, AI017193, H56403, AA379061, AA190904, AA904070, AA379060, AA075300, R96080, AA191311, AI439209, AA146764, AA146875, N92519, AA503807, AA649029, AI140061, AI379863, AI803876, AA577360, AA577361, D38550</p>
747	HISDK89	874849	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 225 of SEQ ID NO:747, b is an integer of 15 to 239, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:747, and where b is greater than</p>	<p>AL031768</p>

748	HLSAA22	874851	<p>or equal to <math>a + 14</math>.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1575 of SEQ ID NO:748, b is an integer of 15 to 1589, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:748, and where b is greater than or equal to <math>a + 14</math>.</p>	<p>AW452603, AI375427, AI202773, AI804097, AI500311, AI936889, AW090245, AA043900, AA025796, AI744559, AA644451, AW297895, AI143524, AI241966, AA644491, AI359599, AI939514, R49737, R37968, AA679698, AA025795, Z22968, Z22969, Z22971, Z22970, Y18390, AJ243816, Y18388, Y18389, AJ224687</p>
749	HFOXR45	874852	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 619 of SEQ ID NO:749, b is an integer of 15 to 633, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:749, and where b is greater than or equal to <math>a + 14</math>.</p>	<p>AA732106, AA522612, AI753227, AW021502, AI683772, AI084654, AI752575, AA913517, AA769955, AI721756, AI371200, AA948399, AA187208, AI627196, AA725797, AI879607, AI377473, AI371144, AI184958, AA609398, AW238518, AI031933, AI042581, AI090709, AA551957, AI347029, AI076805, AA994104, AI128467, AA605136, AI721175, N64728, AI093038, AI780778, AW009794, AW238474, AA000992, C75299, AI146705, AA572814, AA552148, AA554746, AA056992, AI262510, AI074220, W61162, AW238722, AA451895, AA552863, AI827340, N93164, AA805114, AA502630, AA047882, AW241184, AA468061, N75393, AI750255, AA724891, AA969850, H93295, AI186020, F37307, L44325, T07924, N22680, AI923732, W42592, AA468001, R68947, N95336, AI460024, AI266318, T50094, AA526649, W72244, AA133408, AI351303, R16108, AA852240, AA320739, R70096, F04400, AA468021, F27323, AI828393, AI424671, AI963007, AW088242, H78587, AA363539, H21918, AI984226, AI638566, AI949544, AI805471, AI620656, H78594, AI954065, AW342018, AW151573, AI984217, AI683719, AI811304, AI677978,</p>

	AI469666, AI872147, AW148849, AA807776, AI818583, AI369048, C21325, AI811169, AW169367, AW068194, AI888323, AI669314, AA005352, AI923242, AI587541, AW169722, AW090641, AI499642, H27583, AA320446, AI954136, AW020391, AA913080, AW193946, R98361, AA573557, AI917224, AA191725, AA057867, AA574024, H91709, T28335, W24359, AW380140, AI432915, AI289968, AW377772, W61228, AW078797, AA349251, R70046, R93092, H12474, AA568499, AW391241, N58906, AA491516, AI802056, H87977, AW195972, T29577, AW023843, AW168565, AI954481, AW393660, AW386924, D45657, W04892, H88158, AW389520, R25411, AW386947, AA053017, H27509, H64708, AI801167, AA362152, W76089, H21713, AI864857, AA361413, AA344218, H27597, AI446698, H93803, AI921746, AI567625, AI432570, AA908294, AI811912, AI699020, AL046942, AW088131, AI570966, AI702540, AI583578, AI744204, AI203903, AI865942, AI362537, AI471909, AW152415, AI862785, AI342023, AI683634, AI524179, AI469516, AW391254, AW265004, AI932638, AI049923, AI972170, AI571511, AI885982, AW088899, AW103628, AI473208, AI682891, AW080076, AI635528, AI224373, AI784253, AI274655, AW082532, AI799234, AI690813, AW117652, AI368579, AI270039, AW089932, AI924686, AW084353, AI687568, AW079315, AW104683, AI305745, AI886355, AI538850, AW087824, AW079706, AI624529, AW148685, AW194014, AI679990, AI950664, AI249946, AI3845, U01691, I07181, U05770, M18366, A07367, X12454, I33410, M19384, J03745, I07345, I07344, M21731, E01816, E14351, I08832, U92992, AL050172, U42031, S61953, AF047443, A86558, AF038847, AL137538, AL049466, AL136884, I42402, AL133067, E02221,

	U49908, AL080146, AF078844, AL096728, AF139986, X59414, X79812, AB007812, U96683, AL122110, Z72491, I09499, I66342, X83508, AR068466, AL110197, AR050959, AF067790, AL122050, AB025103, AF125949, AF158248, AL137268, U89906, I33392, AF030165, AL133081, AF038191, AF061795, AF151685, X54971, AL117435, E03671, AL049423, E01963, S68736, A27171, AL133061, X61399, X72889, X75295, AF040723, AL050170, AB031064, X66862, AF109683, AL122098, M27260, AF015958, AF002672, AF167995, AF153340, AL050024, AL137478, AF067420, AF132676, AF061836, AF159615, AF036268, U89295, AF119336, AL117587, AF126488, AF124728, X06146, AL133619, S77771, AF032666, U75378, AL133084, AL133557, U37359, I25049, AF044323, U75370, AF019298, AL080074, AL133665, AF114170, U02475, AF115392, AL137536, AL137554, AR060156, AL133075, AF090900, E12579, AF026008, U00686, AF040751, AL122118, AF180525, A21625, AF102578, X87224, AR038854, AF113019, Y18678, Y18680, AR029490, U83980, AF114818, E12580, A08912, AL133049, AR011880, A08910, A08911, AL110159, X63410, AL050015, A18777, AR020905, I89931, A08909, A65340, AF192557, E06743, AL137550, AR029580, AB019565, I49625, A08907, S83456, A65341, AF118070, A08908, X83544, AR068753, I25048, S79832, AL050138, AJ012755, AF022363, AF061943, S76508, AL035458, AL117635, A08913, AF120268, AL117460, AL117585, AB028451, L31396, X93328, X66975, I31397, AC002471, AC005374, AL022170, I89934, I29004, X66417, A15345, Y08769, AF013214, I30339, I30334, A83556, I18355, AL117626, Z82022, L13297, I34392, AJ005870, I48978, AL133014, AF106934, U72621, AL137294, AF081197, AF081195, AF113013, AB016226, E03348, AF017437, AF126247,

750	HWLOV52	874854	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 953 of SEQ ID NO:750, b is an integer of 15 to 967, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:750, and where b is greater than or equal to a + 14.</p>	<p>AL137557, U92068, X60786, AR019470, A77033, A77035, E03349, AF089818, A90844, I89947, AF111851, AF118092, AF183393, AF185614, U62966, AJ010277, A12297, AF000145, AF008439, AF182215, E12747, E15582, AB026995, U67958, X89102, E01812, AL137533, U78525, M64936, D16301, L30117, L44482</p> <p>AI885168, AA888053, AA526070, AI904928, AA526079, AI626102, AI990989, AI991953, AI335884, AI955194, N34316, AI904932, AI401049, AA552509, AI912336, AI090803, AI653454, AI285288, AI554150, AW361826, AI469648, AI888215, AI690777, AA916251, AA577010, AA595258, H30706, AI435882, AA837994, T36285, AI004435, AA480480, AI400085, AA293626, H53447, AA991155, AI287574, AA480481, AI869239, AI833056, R84598, AI769037, R85487, AA394121, AW081575, AI284876, AI673603, H53446, C15349, H38297, AW085042, AA336843, AA552555, AI721236, N44209, AW050853, AI934050, AA552171, C15673, AA292365, AA337307, R49981, AI582103, T03674, AI568122, AW001520, H28136, AA336805, AW301080, AW301098, AI419713, R89516, R47841, AW009642, AA687930, AI983880, AI220138, AA922388, AW137358, AA506059, AW362569, AI940058, AI940028, AI698863, R89519, R95454, M27444</p> <p>AA569032, AW081426, AW151852, AW016936, X91863</p>
751	HKCAA14	874855	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 681 of SEQ ID NO:751, b is an integer of 15 to 695, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	

752	HMAMA0 2	874856	<p>NO:751, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 376 of SEQ ID NO:752, b is an integer of 15 to 390, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:752, and where b is greater than or equal to a + 14.</p>	<p>AI050715, AI868341, H04044, AI735282, AA315106, AA748069, AA778604, AA670061, F33750, AA044296, AA838724, AA865306, AA281640, AA523324, AA535136, AI360419, AI193427, AA994841, AI357495, AW131546, AA126719, AI015647, AI523059, AA887803, AI041265, AI023519, AI681516, AA554009, AA131586, AA458689, AI569655, AA334077, F27238, AA044123, AA879213, AA962758, AI371385, AI341538, AA976084, AA659914, AI002087, AI479801, AI354856, AW391885, AA358439, AI311108, W05652, AA720819, H77748, AA551303, R38305, AW303631, AW453073, AC006509, Z84480</p>
753	HKABV02	874857	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 494 of SEQ ID NO:753, b is an integer of 15 to 508, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:753, and where b is greater than or equal to a + 14.</p>	<p>AI948480, AA947922, AW027578, AA533072, AA442119, AI985820, AA122356, H04274, AA976703, AA482468, R53722, R78612, R67227, R78611, R37176, AA480651, AA363291, AI680596, H02979, AA807015, N67448, R52940, N66783, AA301771, AI345202, AI335480, Z41434, C03488, AA122320, AL041772, AI569328, AA857847, AI355849, AI619716, AI590227, AI282355, AA911767, AI491842, AI590575, AI537261, AW087534,</p>
754	HKGBD56	874858	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1148 of SEQ ID NO:754, b is an integer of 15 to 1162, where both a and b correspond to the positions of</p>	

		<p>nucleotide residues shown in SEQ ID NO:754, and where b is greater than or equal to a + 14.</p>	<p>AI561356, AI560030, AI635464, AI634345, AI758270, AI439762, AA833760, AI472566, AW029611, AI524179, AA514684, AI538716, AI912434, AI540179, AI073952, AI590021, AI680221, AI582871, AI863382, AI921464, AI591040, AI868204, AI569975, AW149925, AI624950, AI961589, AI159837, AW193949, AA804860, AI863321, AI473451, AI818562, AI801592, AI654750, AI537303, AI669639, AI628316, AI367203, AI564719, AI365256, AI570989, AI567351, AI783861, AA804877, AI611743, AI886206, AI367210, AI634805, AI636719, AI619502, AW148320, AA504514, AI089970, AW243878, AI680498, AI273856, AA814782, AI249877, AI610690, AI799158, AI289863, AW148408, AW131294, AW170725, AA916033, AI368579, AI583065, AW190297, AW262983, AW263569, AW152182, AI273085, AW088560, AI567582, AW007309, AI269580, AW082623, AI309589, AW025412, AA937558, AL040011, AI539153, AI634467, AW078529, AI679179, AW151136, AI421903, AW072588, AW130430, AI633125, AI889818, AI597918, AW118496, AI890852, AI887163, AI241901, AW073865, AI333104, AI828731, AL036187, AI862139, AI439452, AW083175, AI536563, AI620056, AW075648, AA437338, AI446809, AI932739, AW089009, AI433157, AI702073, AI554821, AI434468, AW132104, AW104827, AI521799, AI249962, AI670009, AW188573, AL047187, AI590415, AI167353, AA908294, AW029401, AW051059, AW090086, AW105087, AI312542, AW189268, AI250848, AI684013, AW082532, AL037041, AI569583, AI919534, AI886415, AI830029, AW025279, AL036780, AI453322, AI095119, AW075519, AI682903,</p>

N99088,

	AI609196, AI955906, AI689470, AW087901, AI784214, AW194441, AI921753, AI367680, AW075381, AI247293, AI491775, AW087866, AW084117, AI560023, AI872154, AI886055, AI922707, AW167448, AI049669, AI677796, AI564144, AI624548, AW028033, AI598061, AW129230, AW026707, AI888621, AI281867, AI309306, AI284060, AI934052, AI865998, AI934026, AI419440, AI953393, AI286256, AL042440, AI799674, AW084447, AI376973, AI824648, AI932949, AI675052, AI445864, AI569945, AI566003, AW188539, AI536638, AI281412, AI828367, AI567993, AI804983, AI362248, AI432030, AA835966, AI671679, AI635045, AI273964, AI800440, AI624293, AI812080, AW090498, Y13350, AL035458, AF095901, I00734, AC004797, AL050155, AF185614, E00617, E00717, E00778, AL133557, AC005048, AC004883, AL031346, AC007172, AF113694, AL031281, AC005091, AF109905, I66342, AL137523, X56039, AF044221, AF182215, AC002471, AL034400, AL049426, I30339, I30334, AL080060, AF109906, AF042090, AC006112, AP000247, Z37987, AF113690, AC007298, U49908, AL133113, AC018767, AL035407, Z49258, AP000020, AF055917, AL049314, AJ001388, AL078630, AC004213, AC004987, AP000130, AP000208, AC006336, AF110520, AB026995, U79523, AL035587, X53587, AL133081, AL133636, AC005488, AC009233, AL049430, AL133637, AL050280, AC007392, AF061795, AF151685, AF078844, I26207, I33391, AL022170, Y00093, Z98036, AL050309, I89947, I48978, AC005156, AL122100, AC004878, AC006978, AC006115, Y10823, AC005876, AC005374, AC004690, AL031984, AC004093, AF130342, AC005291, AL050310, AF177767, I52013, AC004822, AC009286, AF118094, AC004383, AF150103,



755	HKACE03	874859	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1073 of SEQ ID NO:755, b is an integer of 15 to 1087, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:755, and where b is greater than or equal to a + 14.</p>	<p>AC006373, AC006453, AL132985, AF118092, AL137548, AF047716, A18777, AC004399, AC006313, AL122106, X84990, AL080126, AC004485, AL110197, AF016047, AC006501, AC004227, AF061981, AL080234, AL137550, AL022147, U35846, AR038854, AL080124, U95739, AF038847, X52128, AL133665, AF159615, I03321, AF090903, AB020777, D83032, AC009501, X81464, AL049557, AF065135, AC006222, AP000697, AF090886, Z13966, S77771, AF180525, AF179633, AL133098, Z99297, AC002287, AC007390, AL110296, S69510, AF040723, AC008067, AP000344, X82434, X62580, Z94277, AL137554, AJ238093, AF184965, AL117432, Z82206, AR053103, AF091512, AF003737, AL049300, AC004686, AF215669, AC005886, X59813, AC007748, A08913, AF094480, U37359, AL080140, AF090901, AC002457, AL137281, AF199027, AL034417, I89931, AC006561, AL050116, A08912</p>
756	HBIOR20	874864	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 789 of</p>	<p>AI125783, AI924555, AW299397, AI003778, AI084790, AI808326, AI276171, AI818222, AW411324, AI457598, AA777670, AI760566, AI275468, R40988, AW273161, AI042210, AA827440, AI673100, AA464847, AW189888, H22204, AA577244, H26725, AA635778, AI167416, AA570053, AW044195, H40445, AI381617, T91840, R39891, H40444, AW244125, AA877600, AA491735, AI874100, AI873071, AI264603, H26726, R87094, AW375363, T91926, RI4470, R13596, H22153, R48422, AA470331, AA470347, AA468450, AA468277, AA468204</p>
				<p>AI205247, AI870039, AC005392</p>

757	HKCAA44	874865	SEQ ID NO:756, b is an integer of 15 to 803, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:756, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 782 of SEQ ID NO:757, b is an integer of 15 to 796, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:757, and where b is greater than or equal to a + 14.	AI201974, AA448789, AI640253, AC006153	
758	HKLSA63	874866	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 321 of SEQ ID NO:758, b is an integer of 15 to 335, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:758, and where b is greater than or equal to a + 14.		
759	HKGCI22	874867	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1005 of	AI742925, AI750866, AI433675, AI310737, AI671307, AI750867, AW070696, AA486195, W01828, AI808060, AI631512, R91227, AI183930, AW179025, AW139735, N70774, AA516368, AW407800, R85255, AW069110, AW192002, AA631915, AA442431, AC005874, AF134471, AC007535, AP000547,	

760	HOGDO85	874870	<p>SEQ ID NO:759, b is an integer of 15 to 1019, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:759, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1490 of SEQ ID NO:760, b is an integer of 15 to 1504, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:760, and where b is greater than or equal to a + 14.</p>	<p>AL050307, AC004671, AL049843, AC009509, AC004890, AC005343, AL008710, AC004876, AC005681, AC005296, Z95114, AL132641, AF030933, Z83826, AC005839, AF001549</p> <p>AA628522, AI494042, AI249716, AI091258, AI375095, AW300147, AI671479, AI083660, AA039683, AI695098, AW102750, AI281254, AI480349, AA922710, D80408, AA884219, AL134916, AL121296, AA516283, AA045618, AI436329, AA889419, AI978601, AA100470, AI187243, AA100371, AA856661, AA101452, AA041339, D80409, AA102694, RI5445, AI914856, AA045655, AA100466, N56070, AA101461, AC006313</p>
761	HLDX53	874871	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 799 of SEQ ID NO:761, b is an integer of 15 to 813, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:761, and where b is greater than or equal to a + 14.</p>	<p>AA628400, AI093204, AI991099, AA287786, AW009817, AA701864, AI272948, AI056972, AI243179, AI248098, AI307111, AA552168, T79840, AA652183, AA551685, H94082, AW276725, AI568808, AI382460, AA226928, R16826, AA502991, AI3111519, AW020094, AW023111, AI3111276, AI377161, AI345891, AA603359, AA665525, AA653300, AW021399, AI174930, AA601674, AA584125, AA595547, AA286836, AA829576, AA164946, AW103251, AI270019, AA551519, AI801505, AA054055, AL041375, R97239, AL036896, AI568088, N95424, AA581247, AI754293, AI732869, AA484164, AA832077, AI475297, AA584814, R96621, AI821987, AA669238, AA525331, AW275432, AA633762, AC006538, AF200465, AL031228, AP000031, S42653, AL034420, AC006046, U47924, AF196779, Z93017, AC004655, AC006512, AC004797, AL121603, AL021878, AC005399, U63721, AC005859, U91326,</p>

	AC002553, AP000347, AC003111, D28126, AC005696, AC002425, U95739, AL035072, AC009731, U89335, L44140, AC002316, AC000025, AL096702, AC004139, AC004686, AC007216, AC005261, AL008731, AC007390, AC005067, AC005372, AP000547, AL049839, AC006027, AL078621, AL031005, AC006372, AC005730, AC005740, AC007283, AC005365, U80017, AC005874, AF134471, AL117337, AP000962, AC006261, AC005368, AP000213, AC003109, D86566, AL035405, AC004263, AL078581, AP000557, AL096763, AC005755, AC016831, AC004084, AC004771, AL035455, AC004890, AL021155, AC005562, AC007686, AL050318, AC006468, AL049692, AC005527, U52112, AL021391, AL031295, AC005736, AC004663, AP000135, D88270, AC005091, AC007731, AL031281, AC006285, AC005011, AC009247, AL021707, AC006071, AC007666, AL096712, AL121595, AC004922, Z93244, AC005500, AB023049, AC005412, AC002369, AC004030, AL031283, AC005944, AF017104, U95742, AC016026, AP000505, AC005544, AC004883, AP000556, AL049869, AC005071, AC005829, AC005081, AC005670, AP000116, AC004817, AC003956, AC004832, AP000300, AC002477, AC004382, AC005291, AC002326, AP000502, Z98048, AL031680, AL109627, AF111169, AC002472, AF141309, Z98950, AC004685, AL021917, AL021918, AC004887, AL121658, AC004000, AC007227, AC007151, AC000038, AC006449, AC005940, AC003110, AC006312, AL096791, AC003030, Z86090, AC005911, AC005146, AC005377, AL035587, AL049748, Z82190, AF205588, AC005932, AC004675, AF196972, AC005815, AL009031, AC007371, Z99916, AL035458, AC005156, AF134726, AL031311, AC005632, AC007971, AC005014, AC005280, AL022165, AF038458, AC007308, AB028893, Z81314,

762	HKAHJ56	874873	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1999 of SEQ ID NO:762, b is an integer of 15 to 2013, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:762, and where b is greater than or equal to a + 14.</p>	AL022316, AC007993, AC004878, AC004477, AC004491, AC004955, AC005237, AC007225, Z68284, AL121652, AL035249, AC003029, AC002381, AC002091, M30688, L35532, AC003963, AC006014, AC016830, AC005512, AL022726, AC005089, AC004745, AC002115, AL022721, AC005015, AJ246003, AF015416, AL080243, AC004232, U78027, AC005529, AP000045, AP000113, AC005921, AC004858, AL009183, AC004262, AF030453, Z94721, AC006571, AC005924, Z83844, AC003950, AL034379, AB023048, Z83856, AF112484, AJ003147, AP000350, AC005778, AC004584, AF088219, AC004224, AL022326, AC007030 AI936564, AI962435, AI201540, AI380214, AI961173, AI671158, AI566131, AI656491, AI433302, AI963189, AW135283, AW340593, AI590272, AI766176, AA772548, AI825187, AA434569, AI269941, AI969352, AA994820, AI186948, AI086149, AA913392, AI915883, AI675268, AI245795, AI168364, AW301722, AI057243, AW161652, T64438, AA689365, AI559552, AW160896, AI864281, AI700595, AW005608, AA312356, AW139160, AA913865, AA913409, AA913845, AW105064, AA161287, W52556, AA164728, AI679666, R73981, AW170061, H04457, AI224056, R82382, H04535, AA303834, AI381331, R82335, AA604090, T65708, AA318057, AA370674, AL046969, AI766991, N50963, W63609, AW275443, D63017, AI679094, AW080108, AW274528, AI686345, AA533067, AA747495, AW084257, AI860839, AA827714, AA804511, AA134133, AA932238, AI557808, AI540890, AI557602, AI557258, AL080122, AF151842 AA722013, AW269033, AA069460, AA361633, AA721982, AA584616, AB022537, AL031228, AC011422, AC008041, AC004025, AL121654,
763	HLTBL32	874875	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	

764	HLTHZ36	874876	nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 606 of SEQ ID NO:763, b is an integer of 15 to 620, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:763, and where b is greater than or equal to a + 14.	AC004125, AL022321, AL109613, Z82203, AC005969, U40455, AL009181, AC003960, AL008713, AC004038, AL049562, Z82975, Z83841, AC002463, AC004613, AC004079, U69730, AL031285, AC006039, AC006120, AL035423, AJ239329, Z94722, AC007527, AL035552, AC002479
			Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1920 of SEQ ID NO:764, b is an integer of 15 to 1934, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:764, and where b is greater than or equal to a + 14.	AI767750, AI250810, AA130228, AW118751, N27857, AI651312, AI433165, AI401466, W93368, W94962, N40981, D61455, AA165269, T55132, AA847805, AI468845, H30324, AA532365, D60542, AI619882, H30262, H03885, AI763215, H03884, T55300, AI699580, AA249484, D60543, N44989, AA165270, AA130049
765	HMEES39	874877	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 145 of SEQ ID NO:765, b is an integer of 15 to 159, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:765, and where b is greater than or equal to a + 14.	AC006014, AC005488, AC005049
766	HMKAO91	874879	Preferably excluded from the present invention are one or more polynucleotides comprising a	AI215045, N23710, N23687, N23719, AI381455, AI904095, AC004660

767	HLYAQ21	874880	nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 422 of SEQ ID NO:766, b is an integer of 15 to 436, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:766, and where b is greater than or equal to a + 14.	AI569747, AI949603, AW339333, AI936776, AI569861, AI565736, AA524378, AI433718, AI814606, AA928109, AA936433, AI769436, AI460156, AI808131, AI912468, AI827392, AI954011, H45332, AI804892, AI810078, AI934934, AI948440, AI369739, AI857312, AI391669, AI201931, W99313, AI203680, W99402, AA902596, AI193161, AA720019, AW118160, AA775522, R73459, AA302680, R01177, N95276, AI566140, AA779115, AA902680, AA024608, H45264, AW086135, H45122, AI245112, AI537576, AI051627, AI423335, AA302679, AI361236, AA400362, AA400200, AW051133, AW235966, H51924, AI969071, W24551, AA884669, AI056332, R73458, AA024607, H51323, AW169844, AA631740, H45426, AI927808, R10129, R01289, W24513, C00041, N92332, AW014923, AA731391, AA829858, AI952175, AA885351, AW418796, AI380472, T82683, AA635748, R11097
768	HCRNL20	874881	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 738 of SEQ ID NO:767, b is an integer of 15 to 752, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:767, and where b is greater than or equal to a + 14.	AI692777, AA258408, AW297619, AI183378, AI474260, AI191464, AW297512, AW294313, AI478485, AW297408, AW297737, AW294130, AW296186, AA127691, AA057640, N24184, H99253, H51139, AI139365, AI351435, H99620, AA057388, AA034447, N20668, H86528, R67834, H01050, H89687, N25995, AA683489, H85429, AI970658, AA057680, AF022857, AF022858, AF022860, AF016098, AF022859, AF022855, AF022861,

769	HSYDX40	874885	nucleotide residues shown in SEQ ID NO:768, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1160 of SEQ ID NO:769, b is an integer of 15 to 1174, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:769, and where b is greater than or equal to a + 14.	AF022856, AF022854, AF016297  AI553878, AI582885, AA931164, X90541, AA628929, AW173048, AI609713, AI217596, AI079222, AI200872, AI200870, AI203632, AA687174, X90540, AA558961, N23581, AI264285, AA573065, AI393611, AA905973, AW020554, AA706045, AA287759, AA088176, AA481571, N98998, AA810417, AI345650, W24069, AA088606, AW370187, AW239122, AA287879, AI352261, AA996289, AW362844, T81660, AA290688, AI686379, W28498, AA334525, T93995, AI201809, AA354348, AI859184, AW406969, T93971, T81459, AI695585, AA938505, T93317, W84678, T93295, AI866401, AW370293, AA659812, AA938282, AA911428, AI261420, AI340666, AA045371, AI262921, AA046557, AA374218, W31229, AA749096, AA290946, AL035402, L20294, AF086166
770	HWLOQ11	874886	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2454 of SEQ ID NO:770, b is an integer of 15 to 2468, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:770, and where b is greater than or equal to a + 14.	AI961474, AW382909, AI923923, AI990751, AI813884, AA843844, AI301132, AI963119, AI935247, AI740608, AW361050, AI264633, AW196974, AW274440, AW237561, AW263591, AI566325, AI985954, AI890112, AI587310, AI986332, AI972620, AI968319, AI675856, AI033049, AI554274, AI922853, AI738691, AI342974, AI024422, AA947925, AI138813, AI867016, N25349, AW029458, AW276074, AW026634, AW007315, AA505889, AA906022, AA862214, AI797947, AA484620, AI888735, AI356599, AW365086, AI688404, N31464, AA307247, AW382877, AA491776, AA583862, AI000815, AA372018, AI289801, AA723582, H95976, AW392026, H95975, AW391990, AA223227, AA548574, AA330741, AA594055, AI686185, AW014082, H98886, R34321, AA301143, AI206620, AI524791, AI868801, AW273907, AI468354, AI689913, AI799367, R34204,



771	HMTAD91	874888	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1474 of SEQ ID NO:771, b is an integer of 15 to 1488, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:771, and where b is greater than or equal to a + 14.</p>	<p>AA573469, AA948211, AA577288, AW070462, T24686, AA773534, R35237, AI806231, AI367468</p> <p>AI961240, AA827821, AI718802, AI808413, AI572903, AA954259, AI379116, AW262991, AI141317, AA446001, AA419448, AW338468, AA150385, N66499, AW151742, AA279131, AW268151, AA421293, AI417463, AA295683, AA832485, AI088138, AA705264, AA329700, AA234839, AA150283, AA421397, AA147276, R28937, AA280142, AF129534, AF176703</p>
772	HOSFI36	874889	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 533 of SEQ ID NO:772, b is an integer of 15 to 547, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:772, and where b is greater than or equal to a + 14.</p>	<p>AW189850, M62157, Z84488</p>
773	HHEYM94	874890	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1380 of SEQ ID NO:773, b is an integer of 15 to 1394, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA203209, AA203201, AI346446, AI339822, AA515482, H68047, AW168943, AA781795, AI796057, AA548344, AA295127, AA879077</p>

774	HPWCL64	874891	NO:773, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 653 of SEQ ID NO:774, b is an integer of 15 to 667, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:774, and where b is greater than or equal to a + 14.	AA531009, AI803060, AW058661, AI871128, AI040865, AI635619, AA279688, AA314121, AA291325, AI300358, AI026031, AW136587, N48589, AI333491, AI217438, AA872204, AA313681, AA761900, AA825668, N62189, AI742355, AI167192, AA782249, AI472224, AI027048, AA969624, AA907863, R81199, AA279718, AA489085, AI356298, AA496950, AA490549, AI915658, AW242542, AA489150, H41907, F09870, AI809172, AW139442, AI346557, Z39110, AI346071, AI769499, AA948417, AI261341, AI818467, AI658736, AW328021, AW328022, AA936846, AA725007, AI949826, AA903934, AI240430, T65227, AI698620, AA805276, AW135001, N32423, AA077170, AI810090, AA094403, AI814548, AA070291, N56845, AA095591, T06057, AI884950, AA609881, AA635181, AF038969, AF038968, AF015553, AF038967, AF035737, Y14946, U77948, AC004883, AF043220, AF043219, AF017085, AL078475, AP000025, AP000026, AL050302, X53795, AL050379
775	HNTSQ62	874892	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1596 of SEQ ID NO:775, b is an integer of 15 to 1610, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:775, and where b is greater than or equal to a + 14.	AI686654, AI916713, AA714659, AW028133, AI989811, AI559512, AI718135, AA133016, AA310255, AI811558, AA071043, AA657616, AI872822, AI185995, AI191074, AI203138, AI434363, AA247842, AA568624, AA699378, AC002477
776	HRDDU54	874893	Preferably excluded from the present invention are one or more	AA115680, AB014519, E15921, U36909, U38481, U58513

			<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 541 of SEQ ID NO:776, b is an integer of 15 to 555, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:776, and where b is greater than or equal to a + 14.</p>	
777	HRDBA25	874894	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 207 of SEQ ID NO:777, b is an integer of 15 to 221, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:777, and where b is greater than or equal to a + 14.</p>	AA424352, AW297467, AI799462, AI873546
778	HSRAI45	874895	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 746 of SEQ ID NO:778, b is an integer of 15 to 760, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:778, and where b is greater than or equal to a + 14.</p>	
779	HSABG91	874896	<p>Preferably excluded from the present invention are one or more</p>	AA374581, AC004134

780	HWLGN30	874897	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 551 of SEQ ID NO:779, b is an integer of 15 to 565, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:779, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1372 of SEQ ID NO:780, b is an integer of 15 to 1386, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:780, and where b is greater than or equal to a + 14.</p>	<p>AI378613, AI936922, AA393435, AA523055, N76957, AW245437, T65927, AA024907, W30993, N47472, H48414, AI565690, AW242692, AI754672, AI720930, AA216408, AI201612, AA555112, AW149614, AA487105, AA603088, AI332480, AI492883, AI094251, AA024908, AI276096, R74140, AI167579, AI673629, N98762, W02738, AI272819, N55572, AA416685, N47473, AI167581, AI092203, AA825149, AA916571, AI092758, AI248909, AI264776, AA987509, AA483520, AI277944, AI369766, AA693736, N72972, AI002124, W04419, AA229487, AI221121, AA338147, R08949, R98836, AA523795, AA534283, D45508, R74047, AA630266, AW057930, AI572755, AW083760, AA364768, AI433042, AI298399, R08842, T64500, AA416833, AA400759, AW168370, AA417902, AA704957, T63533, T63389, AL042536, AF020202</p>
781	HSPAL74	874898	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1215 of SEQ ID NO:781, b is an integer of 15 to 1229, where both a and b correspond to the positions of</p>	<p>AI928200, AI760647, AI971249, AI638520, AI742888, AI811634, AI082194, AI601147, AI126493, AI125498, AA968723, AA758168, AI168553, AI417681, AA527858, AW275317, C18986, AI868664, AI418768, AA972311, AA193457, Y15909</p>

782	HRDFM44	874899	nucleotide residues shown in SEQ ID NO:781, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 333 of SEQ ID NO:782, b is an integer of 15 to 347, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:782, and where b is greater than or equal to a + 14.	AA378189, AA305464, AI061294, AL120389, AL120505, AA325521, AA077838, AI438956, AA767864, AA555085, H75272, AI382205, AC005823, AC007382, AF036938, AC004841, AC003982, Z85987, AC007899, AC006030, AC002365, L78770, AC004043, AC004458, AC002073, AC005036, AC003951, Z98048, AC005189, AL049569, AF121781, U53331, AL035249, AL031662, AC005519, AC004634, AC005264, AC005262, AC002378, AC004001, AC004230, AF024533, AC005088, AC006538, AF001549, AL022165, AC018633, AL049198, AL096803, AC005089, AC004212, AL050348, AB023050, AC008124, AC004770, AC004228, AP000512, AC007216, AL050318, AL024507, AL080243, AC005017, AL117257, Z93017, AL035417, AC005043, AL022326, AL139054, U07563, AC006509, AP000291
783	HCYBJ79	874900	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 281 of SEQ ID NO:783, b is an integer of 15 to 295, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:783, and where b is greater than or equal to a + 14.	AA745959, AW172736, AA292964, AA252386, AA234001, AA010065, AI160521, AI375953, AI375935, AW172922, AA419596, AI167445, AA526800, W92332, H91988, W15179, AW327300, AA397813, AI219021, AI858358, AA644467,
784	HSUBX76	874902	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	

785	HNEAF57	874903	<p>is any integer between 1 to 720 of SEQ ID NO:784, b is an integer of 15 to 734, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:784, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1297 of SEQ ID NO:785, b is an integer of 15 to 1311, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:785, and where b is greater than or equal to a + 14.</p>	<p>AA729539, W92388, AA729171, T29560, H89939, D19699, N78673, AA699807, AI021915, AA705174, AA705503, AA306157, R00665, AA234002, AL134394, AA305796, R94138, X54942</p> <p>AI338045, AW249380, W90044, R20623, N26338, W79482, W79626, AA931694, AW136308, AA478905, AW058071, R55686, AW182353, W87443, AA136405, W90000, T27099, AI767123, AI277412, AI282660, AA478787, W87306, R13502, AI193958, AA703389, AA136215, N46128, AA657536, W40494, T97614, W90244, AA081640, R55687, N31234, T27098, AI186810, C03423, AA663371, N36858, AI193351, AI244503, AI936229</p>
786	HWLRA09	874904	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 619 of SEQ ID NO:786, b is an integer of 15 to 633, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:786, and where b is greater than or equal to a + 14.</p>	<p>AI014430, AW293893, AI765180, AA147335, AA976153, AA211147, R51494, AI188010, AL120688, AA995677, T25743</p>
787	HSUSB86	874905	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>H14437, N42300, AA315244, D60676, AL133605, Z54952</p>

788	HOSAK80	874906	<p>is any integer between 1 to 1003 of SEQ ID NO:787, b is an integer of 15 to 1017, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:787, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2704 of SEQ ID NO:788, b is an integer of 15 to 2718, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:788, and where b is greater than or equal to a + 14.</p>	<p>AW375533, AW391787, AA639599, AW009797, AA255695, AW391819, AA425619, AA618510, AL079748, AA262080, AW391788, AI469517, AW014143, AI187969, AW391814, AA102264, AA639406, AA627578, H65116, AI380427, U47707, AI866005, H65168, AI124709, AW390000, AA769199, T25163, AW391823, AW021256, AA093243, AA425438, AL079464, U30246, U13174, AF051561, U70138, AF071863, Z36839</p>
789	HE8TM43	874907	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2616 of SEQ ID NO:789, b is an integer of 15 to 2630, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:789, and where b is greater than or equal to a + 14.</p>	<p>AA394099, AW025523, AI765483, AA805363, AW299378, AW296409, AA548010, AI073822, AI127648, AA994971, AA417686, H42820, AA534227, AI538625, AI351805, AI636124, AW235552, AA600910, AI039515, AA905993, H45317, AA424496, H45253, AA079381, AI702324, AW104485, AI695911, AI611096, H00586, AA398116, AI749404, AA337844, AA335661, AA335270, H00587, AA417569, AA535640, AA730664, N87954, AA894367, AI912434, AI619502, AI538716, AI569583, AI686808, AA531444, AI445611, AI564719, AW022209, AI636719, AL041772, AI677796, AI439762, AI680498, AI366900, AI828731, AW075413, AI863382, AI567351, AI699865, AA427700, AI537303, AI583065, AI630928, AI536574, AW149869, AI961589, AI633125, AI824648, AI524179, AW007309, AI580984, AI569328, AI872711,</p>

	AI978703, AI799199, AI955906, AI818562, AI274759, AI249962, AW104724, AI469532, AI536638, AW087534, AI812107, AI590830, AI590021, AI491775, AI433590, AW148408, AI687728, AI560099, AW079159, AA449768, AI619716, AI886206, AW162071, AI590020, AI637584, AA833760, AI270183, AI590227, AI950892, AA225339, AI536685, AI597918, AI446511, AW089272, AI539808, AL045500, AL036802, AI554821, AI499393, AL038778, AI680221, AA572758, AW026882, AI620284, AI561356, AL036403, AI889306, AL036274, AI433157, AL121463, AI783504, AL079963, AI628205, AI824444, AW005858, AI871709, AI609331, AA804877, AI281762, AI445025, AI815232, AI500523, AI417790, AW152182, AI349645, AI247293, AI924971, AI435253, AW075667, AI826225, AW161579, AI476046, AI873731, AW020693, AI273839, AI925196, AI697137, AI921753, AW083175, AI612913, AA804860, AI309401, AI572787, AI340627, AW148320, AI432813, AL036631, AA911767, AW151136, AI678989, AL036396, AI613017, AI701074, AI824764, AL135661, AI862139, AI869367, AI648663, AI609580, AW029611, AI432969, AI492540, AI923357, AL036901, AI554344, AI610690, AW104827, AA640779, AL120853, AI634345, AI280747, AI271786, AI802542, AI624548, AW149311, AL048871, AW150578, AW301409, AI312428, AI634737, AI686877, AI445992, AL036736, AI445414, AA613907, AI954183, AI668893, AI537677, AI453322, AA938383, AI348897, AI282355, AI926790, AI581048, AI269862, AI886753, AI671679, AI520931, AI355849, AI499131, AW129106, AI274013, AI863321, AL036980,



	AW087445, AW102785, AI538829, AA641818, AI247193, AW084447, AI625079, AI475134, AL121365, AI520785, AI439089, AI499381, AI702073, AL119836, AI349772, AW188539, AL119863, AF049090, AF049089, I73428, U22321, I73429, I48978, AL049314, I89947, AF177401, AL117460, AF113690, I48979, AF106862, E03348, Y11254, A08916, AF078844, AL133080, AL117457, AL080060, AF146568, AF158248, AR011880, A08913, I89931, AF090896, AL096744, AL035458, AF113013, X82434, AF113694, AL133560, AL080124, I49625, AF113677, AJ000937, AL133016, L31396, AL050146, I66342, AL117394, L31397, AF090900, Y16645, AL122050, AL110225, U42766, AF113019, Y11587, AL133557, AF091084, AF090903, AL050155, AL137557, X70685, AJ238278, AL050116, AF125949, AL133565, S68736, E07108, AL049938, AL110196, AF079765, X63574, A08910, AF090943, AF113699, AF111851, AF090901, AL122093, AF090934, AF017437, A65341, AL050393, AF118070, AL049452, AL137459, AF017152, AF125948, AF113676, AL050277, AL137283, AL049466, AL133640, AJ242859, AR059958, AL133606, AB019565, S78214, AF104032, X72889, E03671, AL133075, U00763, A58524, A58523, AL110221, AL050149, AF015958, A08909, AF118064, AL117583, AL122098, AL050108, A93016, AF113691, AL049464, AF113689, AL117585, Y09972, AF097996, A77033, A77035, Z82022, AL137550, AL122121, AL122123, Y13350, X84990, AL080137, AL137527, AR034821, AF118094, E02349, AL049382, A12297, AL117435, AL110280, S61953, AL133093, AL137648, E07361, AL133113, U35846, U91329, AL049300, AL049430, AF183393, X65873, A65340, AL050024, S36676, A03736, AR038854, AL122110, AL050138, X96540, I33392, Z97214, AL133081, U86379, AL137533, AF061943, AL137538,

790	HTTBS45	874908	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 295 of SEQ ID NO:790, b is an integer of 15 to 309, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:790, and where b is greater than or equal to a + 14.</p>	<p>AL133619, AF182215, I03321, AL137271, AL137463, Z13966, U72620, AL080127, A07588, AL080159, M92439, AL049347, AL049339, I09360, E05822, U75932, U80742, X79812, AL137560, AF141289, AF199027, AL137521, AL049283, AL117587, AF118090, I17767, AF111849, X93495, AL137480, X98834, AL133665, AJ005690, AF111112, Z37987, AF030513, Y10655, X63162, AL110197, AL137574, X83508, A21103, AF087943, X80340, AF102578, I00734, AL133067, E06743, E00617, E00717, E00778, AF044323, AL137656, AL137488, E15569, AL133072, E01614, E13364, AF08439, S76508, AL133637, AF100931, AF067728, AL117626, I42402, AF192557, AF061795, AF151685, AL133077, AL133568, I32738, AJ012755, A15345, AR020905, A86558, Y10823, U73682, I30339, I30334, AL137530, AF200464, AF026124, I09499, U62966, E12747, AC004883, A18777, A08908, AF106697</p> <p>AW444966, AR048216, U25725, I81218, U19769, I35495, U30872</p>
791	HLYAII4	874909	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 626 of</p>	<p>AW006470, AI809971, AI005027, AI971424, AW015576, AI141772, AI140520, AA010174, AA010173, AI141581, AW024482, N26868, AW016555, AA553681, AA304914, N26867, AI139723, AA568551, AW072539, AI014473, AA828755, AA452572, AI344499, AA356459, AA978338, AA452752,</p>

792	HODFU18	874912	SEQ ID NO:791, b is an integer of 15 to 640, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:791, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 576 of SEQ ID NO:792, b is an integer of 15 to 590, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:792, and where b is greater than or equal to a + 14.	AI280360, AA377550, AA410530, AI859135, X76670  AC005921
793	HTXCZ25	874914	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 445 of SEQ ID NO:793, b is an integer of 15 to 459, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:793, and where b is greater than or equal to a + 14.	AI634846
794	HWDAU63	874917	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1650 of	AA707319, AI984804, AW439331, AI692489, W95024, AA134968, AI168588, AW167913, AI468003, AW449269, AW167911, AI201953, AI420291, AA699428, AI810666, AI567799, AI739319, AA916635, AI304435, AA680283, N74060, AA149660, AW169395, AI018710, AI801753, AA133567,

795	HWHHG74	874924	SEQ ID NO:794, b is an integer of 15 to 1664, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:794, and where b is greater than or equal to a + 14.	AA994034, AW248024, H83277, H51676, AA469069, AI247811, AW016006, AA904566, AA135049, AA337173, AI032568, H51090, AI364225, AI498396, AA337867, AI916393, AA007645, AI669871, AI191539, AA506356, AW247677, H83276, AI874026, AA007620, AA328273, AA372861, AA151875, AA911951, X97302, AC004477, X97298 AI670876, AI796528, AI458102, AA314165, AI743397, AA411006, AA307551, N42572, AW024150, AA888101, AA910251, AI653810, AA916542, AI673757, AA112396, AI309001, AI949161, W52827, AI307395, AI796361, AW205660, AA419531, N31842, AA502954, AA299577, AI129087, AA190345, AI269376, AA659084, AA190344, AA112395, AI369480, AW080195, AW024474, AI174335, AI280115, AI382520, AI942373, AA865803, X63507, D11330, X99685
796	HWLIE53	874925	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1915 of SEQ ID NO:795, b is an integer of 15 to 1929, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:795, and where b is greater than or equal to a + 14.	
797	HWLLR30	874926	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 449 of SEQ ID NO:796, b is an integer of 15 to 463, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:796, and where b is greater than or equal to a + 14.	AI738580, AW272649, AI821214, AA858341, AA308610, AI732197, AA936503, AI807048, AA568897, AI911156, AA470673, AI915116, AW009320, AA527480, AW182922, T24589, AC005895, U15212, U51095

798	HLYCA86	874927	<p>is any integer between 1 to 1055 of SEQ ID NO:797, b is an integer of 15 to 1069, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:797, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 855 of SEQ ID NO:798, b is an integer of 15 to 869, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:798, and where b is greater than or equal to a + 14.</p>	<p>AW410590, AW276747, AA507009, AI439654, AW029229, AI393401, AI433913, R60873, AW390652, N66981, H11940, C20715, AI138586, AJ243247, T54259, T54366, AI932865, AI432638, AI834273, AI918642, AI422665, AA872991, AA564642, AL049869, AL031728, AF109907, AC004841, AL035695, AC005914, AC005015, AC005531, AP000030, AL109623, AC004491, AC004659, AC005529, AC005189, AC003109, AC007192, AC005694, AC004216, AC005778, AC002470, AC003101, AL034429, U91323, AC005527, AC002350, AC003003, AL021154, AC004144, AC007308, AC005288, Z99128, AL031602, AP000212, AP000134, AC005837, AC007363, AL034554, U91318, AL031680, AC004263, AL022316, AC007688, AF196969, AL049874</p> <p>AI798951, N45308, AI589356, AW080698, AA984122, AI475892, AI961689, AA552143, AI274347, AI365643, AI280847, AI024392, AI142759, AI699094, H19963, AW205803, AW207660, H19964, AA948497, AA813032, AW139889, AA025631, N54758, AW139887, AI081799, AI431413, Z44192, AW087258, AI202988, AI654604, AI739088, T55519, AW388380, AL079563</p>
799	HDPTI77	874928	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1144 of SEQ ID NO:799, b is an integer of 15 to 1158, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:799, and where b is greater than or equal to a + 14.</p>	
800	HWBDT18	874929	<p>Preferably excluded from the present invention are one or more</p>	<p>AW444696, AI719301, AA832074, AI685148, AI336897, AI913393, AI738434, Z99419, W44411,</p>

801	HWLMV6 2	874930	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1398 of SEQ ID NO:800, b is an integer of 15 to 1412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:800, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 595 of SEQ ID NO:801, b is an integer of 15 to 609, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:801, and where b is greater than or equal to a + 14.</p>	<p>AW193034, AA694024, AA825655, AI221589, AI203245, N67470, AI927254, AI700836, AA993958, Z99418, AI862355, AI191028, AA730013, T23508, AW003365, AA058570, AI648383, AA879261, AA815061, AW137773, W69765, N52763, AA244319, AW444700, T67685, W45673, AL117608, AL117545</p> <p>AI718277, AI806204, AI922705, AA134958, AW189584, AW152541, AA911194, AA099689, H26598, AI523349, AI783469, C06405, AA856931, AW050657, AA650629, AA075317, AI535926, AC007750, I50896</p>
802	H2MAC06	874931	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 946 of SEQ ID NO:802, b is an integer of 15 to 960, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:802, and where b is greater than or equal to a + 14.</p>	<p>AA837575, AI750047, AI762213, AA528093, AI749649, AA514773, AA514789, AA421943, AA167440, AI708618, AA400973, AI474120, AA514874, AI283967, AA587027, AA167783, AA642930, AA878029, AW193324, AA857522, AI284506, AA164459, AA164458, AA838234, AA169874, W38398, AW276087, AW264913, AA148194, AA308126, AA148193, AA169614, AI669077, AA074902, AA079651, AW190644, AI306666, AA167439, AA857853, AA074845, AI199258, AA535642, AI826800, AA166792, AA074727, AA421944, AA165663, AA075896, AW265060, AA076140, AI626104, AA076188, AI541032, AA837890, N27757, AA102361, AA165649, AA100735,</p>

	AA524360, AI833071, AA593897, AI680515, AA573267, AA401137, AI675895, AA079557, AA506601, AW272215, AA076566, AA837854, AA515574, N79823, AA169569, AW364597, U47734, AA173827, AW150580, AA299459, AA298668, AI810491, AA076565, AI940001, AW062899, AW062852, AW062884, AA366738, AI797418, AA298242, AI939989, AW352267, AA503624, AW062699, AI559933, AI749194, AI866124, AA172395, AI697412, AI473481, AA502597, AA329732, AW270590, AW000856, AA471032, AA494293, AI695633, AA508677, AW176400, AA321220, AA165627, AW176422, AA564033, AW085635, T11089, AA076046, C14389, C14407, D80949, D80168, D59695, AI557751, D52291, AI535686, C14298, D59627, D51079, D81111, D51213, D80064, AW352172, C14227, AW360780, AA305578, D80290, D80268, D59503, AI557774, C06015, AA164975, D58246, T11417, D58101, D80258, D45273, AA612667, AW377661, AA809122, D51022, D80248, D81026, AW377669, AA514188, D80014, D80195, T03048, Z21582, C14077, C16955, D80302, F13647, D80522, D80045, D80228, C14331, D59484, D52059, T02974, D80269, N66429, D80166, D80212, D80038, AA514186, D59502, D57483, D59889, D80219, C05695, D80196, D80188, D50979, D80227, D80366, D59619, D80210, D80240, D80193, D58283, D80391, AI535961, D80022, D51423, D51799, D80253, D80043, D50995, D80439, Z33452, D81030, D59859, D59610, D59373, D59275, C14344, D59927, AA514184, C15076, D80164, D80247, X99133, X83006, AR014298, S75256, AR014294, AR016808, AR018138, AB010386, A84916, A62298, I82448, A82595, A62300, X64588, U37689, AF058696, AR008278, AB028859, I81198, I82446, AJ132110, AB019242, AR060385, A47134, AR008277,

803	HTNAL08	874932	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 694 of SEQ ID NO:803, b is an integer of 15 to 708, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:803, and where b is greater than or equal to a + 14.	AR008281, I14842, AB002449, I79511, AR054175, AR060382, X72378 AI651652, AA384468
804	HCQAM40	874933	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 574 of SEQ ID NO:804, b is an integer of 15 to 588, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:804, and where b is greater than or equal to a + 14.	AI027215
805	HWLQA72	874934	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 670 of SEQ ID NO:805, b is an integer of 15 to 684, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	AI650930, AI924794, AA505423, AI375468, AA547973, R12383, N33900, R96383, T80743, AW390137, AI264046, AI292085, AC008122



806	H2LAD85	874936	<p>NO:805, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1190 of SEQ ID NO:806, b is an integer of 15 to 1204, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:806, and where b is greater than or equal to a + 14.</p>	AA313904, AA689381, W19916, AA902197, AA393734, N23500, AI890459, N56616, AW051533, N24997, W16484, H52633, AW022071, W25461, N41885, H53294, AA313388, W42529, N79351, T75271, W61213, F12959, AA993879, AL079496, AA084004, AA133565, T95141, T70377, N79169, R99979, T27956, AA588631, R24993, R08786, AA687406, N53211, AI001088, AI337572, AI027335, AA553960, AA923044, AA989228, AA810405, AA906035, AI143828, N47413, AI948420, W93532, AI189230, AI039643, W94199, AI148327, W94196, W93533, AA927653, AI356713, AI080553, AA055950, H52606, N78077, AI083913, R99983, AW179332, AW360811, T03269, D50979, AW377671, AW177440, D80522, C14389, D59275, AW178893, AA305409, D80439, AA305578, D58283, D59859, D80022, C14331, D80166, D80195, D59467, D51423, D59619, D80247, D80210, D51799, D80391, D80164, D80240, D80253, D80038, D80043, D59787, D80227, D59502, AW375405, D81030, D81026, D80269, C14014, D80212, D80268, D80366, D80196, D80188, D51022, D80219, D50995, D59927, AW378528, C15076, D57483, D59889, D80193, D80133, D80045, AW366296, AW178906, AW360817, D80157, AW179328, AW179020, T48593, AW375406, AW377676, AW378534, AW352171, AW377672, AW179023, AW178905, AW177731, AW178762, AW178754, AW179019, AW179024, AW378532, D80251, AW352117, AW360834, AW177456, C06015, AW352170, D51250, AW178986, AW178907, AW178908, AW179018, AI525923, AW367950, AW178914, AW178774, AW178781, AW378543, AW378540, D45260, AW179013, T03116, AW378533, AW378539, C03092, AW378525, AW352163, H67854, AA809122, H67866, T11417, X63469,
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807	HFKHN59	874937	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1313 of SEQ ID NO:807, b is an integer of 15 to 1327, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:807, and where b is greater than or equal to a + 14.</p>	<p>S67861, AB028859, AJ132110, A84916, A62300, A62298, A82595, AR018138, AR008278, AF058696, I50126, I50132, I50128, I50133, AR060385, AB002449, AR016514, X67155, AR060138, A45456, Y09669, Y17188, A94995, D26022, A26615, AR052274, Y12724, A25909, AR066488, A67220, D89785, A78862, D34614, AR008443, A43192, A43190, AR038669, AR066487, A30438, Y17187, D88547, A63261, D50010, X82626, AR062872, A70867, I14842, AR054175, AR025207, AR016691, AR016690, U46128, AR008408, A64136, A68321, AR008277, AR008281, D13509, AR060133, X68127</p>
808	HWLRB64	874938	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 671 of SEQ ID NO:808, b is an integer of 15 to 685, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:808, and where b is greater than or equal to a + 14.</p>	<p>AI921873, AA481200, AI304320, AI768165, AI379094, AA191002, AI334404, AI340330, AW009506, AW130057, AI378231, AI082016, AA609439, AI088167, AI568962, AI142785, AI935098, AI703118, AI082313, N33943, AI348241, AA191127, AI122896, AI281199, AI183348, AI074860, AA983647, AI340116, D20063, AA719027, H40196, AW024926, R66805, AA204702, D81776, AA377679, AI351943, AW367991, AA937537, H83669, AA810664, AI381182, H40158, Z40776, N98634, AI264512, AA933618, AI076753, Z45043, N49654, AI547252, AI572332, N79414, AC006011</p>
				<p>T06084, AL035703</p>

809	HWLQB30	874939	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 843 of SEQ ID NO:809, b is an integer of 15 to 857, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:809, and where b is greater than or equal to a + 14.</p>	AI871466, AI671845, AA195528, AA195413, AA495931, AI560767, AI379998, AI991515, AA973558, W02507, AI335857, AA576833, AA495932, AW297435, AI742592, AI824908, AI913877, AI819330, H62123, W25679, H61406, AW148964, AA573067, AA584360, AW404543, AA428270, N68677, AW025064, AI468971, AA578326, AA493546, AA214316, AA227802, AA330435, AI609984, AA568263, AL043095, AI433952, AA551062, AA715277, AW085751, T57562, AW192419, T62614, AA845690, AA524604, AA320642, AL046110, AA577706, AW072006, H77764, AW087537, AL042667, AL042670, AW057760, AA525807, AI610012, AA507745, AI609974, AA555232, AI267285, AI133609, AL134700, AA063419, AA147397, AI791659, AA515610, F08198, AA747491, AI547110, AA811451, AA768079, AW410409, AI927275, AA730872, T40342, R91049, H65404, AA679946, AL037653, AI986101, AA484321, AI003626, W02370, AI754926, AA515329, R21287, AL043285, AA021404, Z82201, AC006013, Z79488, AC003101, AL035454, AL033525, AC005074, AC004526, AL022237, U16300, Z83840, Z95115, AC004477, AC004792, AC006965, AC005856, AC005726, AL035659, AC002477, AC002504, AC004843, AL049613, AB004907, AC005257, AC009248, AC005206, AC005667, AL121580, AC005409, AL132992, AP000228, AC004066, AC005616, AC007845, AC000115, AP000140, AC005740, AL049843, AC005669, AF043233, U21936, AF154836, AC005303, AC005994, AC004893, AL035405, AC007021, AC000111, AC004921, AP000088, AC007226, AL023880, AL021392, AL135783, AC006101, AC004242, AC004985, AC001231, AC005755, AL049794, AF124523, AC002040, AC006251, U66062, AC000007, AF060911, AC005230, AL035690, AC007066,
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810	HWLRST0	874944	Preferably excluded from the	AC004033, AC005331, Z82190, AL050333, AL049636, AC005082, AL031667, Z83844, AC005874, AF134471, AL031602, AC003074, AL035552, AC006026, Z84466, AL117258, AC007227, AC003007, U80459, AL031846, AC000084, AF081795, AC005907, AC002306, AC004897, AL078593, AC005670, AL008723, AL049778, AC016025, AF023268, AL031427, AC005730, AC005971, AC004509, AL031255, AL049631, AL022316, AL020997, Z99128, AC002433, AC006064, U50871, AC002454, AF207550, Z97184, AC010205, AC008038, AC004662, Z97206, AC006211, AL049576, AC005696, Z97632, AC005520, AC004447, AL031775, AF165926, AC005368, AL035468, AC003004, AC004623, AL008632, AC006547, AP000511, AC006511, AL117340, AC005175, AP000555, AC007487, AC003110, AC000075, AC005828, AL136295, AC003682, AC005839, AL035460, AC004231, AC003038, AL050347, AC003969, AL132987, AC006536, AC002126, Z97630, AL009183, AR007118, AC007229, AL031058, AC006130, AC005663, AC002554, L42087, AL049777, AC004025, M81890, AF051976, AC007790, AF083655, U73634, AC002077, AC004611, AC004041, AP000065, AP000201, AC003042, AF124731, AC004968, AB023050, AP000097, AC005084, AL049775, AC005046, AL109809, AB006445, AF001552, AC005562, AC006261, AC005697, AC004699, AL035700, AL035400, AP000521, AL050308, AC007934, AL109952, Z95113, AC000118, AC005664, AC006162, AL049795, AF001550, AL050321, AL031291, AL034548, AC007919, L78810, AC005370, AC005358, AC004601, AP000688, AF001548, AC004496, AC004645, AC005049, AC005944, AC005058, AC006950, AC007676, AC005412, AC005004, AL008718, AC004000
				T84952

811	HWLRO68	874946	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 277 of SEQ ID NO:810, b is an integer of 15 to 291, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:810, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 951 of SEQ ID NO:811, b is an integer of 15 to 965, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:811, and where b is greater than or equal to a + 14.</p>	AA134522, AA307072, AW062968, Z82216	
812	HDLAZ62	874951	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1547 of SEQ ID NO:812, b is an integer of 15 to 1561, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:812, and where b is greater than or equal to a + 14.</p>	<p>AW299730, AI479289, AA702805, AA128305, AI566742, AW192551, AW299787, AI459679, AI983099, AI679576, AI889230, AI399741, AA707181, AI478838, AI004255, AI028106, AI078326, AW299399, AW168845, AI680013, AI687323, AI805808, AI624570, AI193114, AA846943, AI476388, AI554160, AW193492, AI860582, AI088396, W31638, AA845559, AA862493, AA515889, AA127031, AI061081, AA126669, AA985263, AI650916, W15544, AA953324, AA525911, W42789, AI679592, AI187008, R76873, AA505452, AA004794, R99397, AI076257, AI640475, AW242583, AI589312, AI924475, AI245398, AW166735,</p>	

813	HCRPS91	874957	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 927 of SEQ ID NO:813, b is an integer of 15 to 941, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:813, and where b is greater than or equal to a + 14.</p>	<p>AI923561, H63003, AI879857, W42882, H00775, AA643547, AL047591, AA630199, AA370509, N68638, AA610614, AI889586, AI061082, H16903, H16793, AI089598, AI365007, AI632050, AI565433, R93003, AI873642, H56447, AA370320, T72401, AI935347, AI861861, AA371253, AI185613, AI565888, AA344469, AI275678, AA370319, D78808, R10966, AA005044, R58143, AI969207, AL047590, AA937865</p> <p>AI140748, AI436268, AI268329, AI081898, AI091086, AI768457, AW270940, AI037982, AI086419, AI041728, AI225119, AI091794, N94709, AA398844, N29912, AA435853, AI948979, AA455739, AI203758, AI263779, AI146500, N63448, AI521536, AL134542, AL119355, A81671</p>
814	HUVFU42	874958	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3678 of SEQ ID NO:814, b is an integer of 15 to 3692, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:814, and where b is greater than or equal to a + 14.</p>	<p>AI815192, AI871597, AI924063, AW118638, AI651599, AI948612, AI445919, AI800981, AW151840, AI680400, AI346825, AI703149, AW337348, AI798582, AI583944, AW081121, AA905693, AA452482, AW365934, AI702971, W07423, AI021980, AA431908, AI018616, AI573080, AW073915, AA401069, AI677958, AI631163, AI401226, AI654388, AA443744, AI499641, AL039125, AA805196, AW004592, AI762590, AI094986, AA777241, AI222728, AW337273, AA987866, AI859056, AA909298, AA480196, AW009056, AI693828, AI285053, AI346854, AI694042, AA677363, AI076247, AW339620, AW191903, AA627929, AW242089, AA760806, AA401135, AI146552, AI089590, AW338249, AI469779, AI423414, AI268822, AI921359,</p>

	AI739374, AI343926, AI298969, AI219853, AI458220, AI961670, AI458271, AI761522, AW081629, AI694551, AA731544, AI654905, AW015400, AI474480, AA410622, W79206, AI632961, AA037869, AA151234, AI912767, W01469, AA557541, AA055499, W81328, AI536151, W78163, AI347767, AI079703, AA598704, AI140511, AA151235, N99244, AI636343, AI125306, AA054964, AA961018, AI304763, AA449339, AA533200, AW272847, AI866980, W81329, AA159320, AI587436, AI445795, AW152595, AI807730, AA928999, AW192175, AA055500, AI270626, AA296070, AL047460, AI299263, AI357497, AI051303, AA610459, N71284, AA573373, AA449596, AI424139, AI500427, R87565, AA062906, AI380967, H25317, AI304314, AI220037, AI223196, T68015, H52670, AA334272, W19687, T40960, N73730, AA904183, AI359433, R88290, AI446565, AA377114, AI621305, AW294279, AA782270, AW177746, AI280597, AA035720, H96235, C17439, R18416, AA370113, T68159, H25280, AW177724, AA343735, N90033, AI925799, T65301, H29776, AW177761, C18322, AW177729, N81082, AA602180, R42479, AA740926, AI566629, AI214694, AA342091, AA483635, AA834390, T27628, AW166730, AW268228, AA297206, AA630503, T66062, AA040935, AA366343, AW177726, AW169430, AW177711, F09803, T40037, AA295015, R25353, T94699, AA332630, H29777, D82697, AA235682, D82708, AW196082, F03396, AI825865, AI572754, AA370695, W03901, AI816591, T27365, D52341, AW299485, AI535812, AI420999, R26543, AA476794, N95783, D55624, F09809, F05771, F07118, AA443697, AA923572, D82645, D82699, AW177713, D55452, W21088, AA040934, H52671, H96769, W24897, AA092913, N58108, D82696, AI147279, H15856, H15859, D20617, AP001041, J04102, AF017257, X55181,

815	HDTAC50	874962	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1413 of SEQ ID NO:815, b is an integer of 15 to 1427, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:815, and where b is greater than or equal to a + 14.</p>	<p>AF057716, J04103, AP001040, X07202, M11922, X55373, M30137, AF053637</p> <p>AI950924, AA642196, AI080485, AI478751, AA826349, AI609117, AI956163, AW247487, AA877922, AI554307, AI811132, AI683584, AW439653, AW188385, AW440251, AI587348, AI872291, AA643336, AA829451, AW166828, AW273286, AA640940, AI951029, AI499331, AI719446, AW167280, AA857475, AW189169, AW338306, AW190062, AI701090, AW167363, AI625657, AA192298, AI885602, AA989458, AI951044, AA404740, AI590386, AI923592, AA654341, AI800385, AW081623, AI905436, AW245053, AA946942, AA664179, AA622218, AA621814, AA314409, AI911814, AA548371, AI887275, AA885759, AI678664, AA579768, AI160630, AI862999, AA622236, AW438827, AA613571, AA044589, AI905508, AA847530, AW328703, AI905507, AA404622, AA586737, AA115673, AA313655, AI653644, AA420595, AI381559, AI570293, AI538968, AI858693, AA204792, AA307774, AI690564, AA429358, AA428822, AI458804, AA826641, AI690516, AA429267, AA602877, AA552682, AW193316, AA640574, AI074397, AI627914, AI678740, AI289526, AI887213, AA420528, AI288272, AA577562, AA131105, AA315060, AA946716, AI884360, AI887604, AW247812, AW246052, AW247350, AI445012, AI888499, AI811027, AI887331, AA115613, AA838320, AA838791, AI610499, AA315942, AA610501, AI863020, AW241693, AA873061, AI446571, AI471290, AA837881, AA642931, AA587749, AA160618, AA314440, AA858181, AA420596, AI798293, AI690482, AI298807, AW245682, AA554027, AA978070, AA316886, AI198521, AI659658,</p>
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	AI758795, AI081837, AA130711, AA134072, AI537976, AA156469, AA130774, W45228, AI128855, AI431647, AI372012, AW182496, AA702833, AA115797, AW192168, AI567082, AA313433, AI355039, AA902819, AA307891, AA152041, AA954854, AA508843, AA315702, AI832207, AA075474, AI335645, AA428664, AA053587, AA313656, AA932530, AA160929, AA102231, AI579911, AI699052, AA553886, AA100702, AI129410, AW270116, AI358479, AA316210, AA007468, AA307393, AA115796, AI539743, AA826722, AA132800, AA164542, AA947155, AA224983, AA313627, AA152469, AA133627, AA075986, AA196273, AA132687, AW117645, AA640611, AA738107, AA053376, AA131161, AI352582, AI355111, AA534019, AW250998, AA827038, AA132233, AA857172, AA079300, AA134071, AA631699, AA088444, AW058218, AA314216, AA146738, AA654016, AA079346, AI290014, AI363723, AA134344, AA056424, AA316488, AI539063, AA434255, AA099895, AA642621, AA857786, AI613424, AI689077, T69467, AA132847, AA551537, AA156087, AI917998, AA526936, AA232405, AA134436, AA053143, AA131904, AA151713, AA308958, AI355780, T53412, AA534245, AA908735, AA130985, AA169563, AA627722, AA099374, AA707152, AA976426, AA132737, AA577558, AA129168, M26326, X12881, X12883, M26325, AL031685, M11686, M36376, AC006030, AL031585, AC004943, AL022333, AC008040, M24842, AC004033, AC005500, AC007731, Z84476, AL022068, AC002094, Z84488, AL031903, AC000094, AL049557, AL133249, AL121652, X12876, AL034348, AL035088, X81448, L32537, AL031119, D16975, U16815, D17142, T49424, T53358, T53411, T53426, T53774, T66002, T69875, T70521, T71454,

816	HWLWO0 6	874965	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 411 of SEQ ID NO:816, b is an integer of 15 to 425, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:816, and where b is greater than or equal to a + 14.</p>	<p>T91620, T91638, T75022, H04036, R98427, H67647, W40311, AA053609, AA053751, AA054246, AA055754, AA056373, AA070385, AA078748, AA079106, AA078998, AA079224, AA079272, AA079299, AA079301, AA079441, AA099924, AA099932, AA102143, AA102230, AA100661, AA101459, AA122380, AA121217, AA121598, AA126099, AA128232, AA129167, AA133673, AA134250, AA130336, AA134343, AA134426, AA130795, AA130942, AA132593, AA132780, AA146646, AA146737, AA147136, AA152468, AA152053, AA155704, AA158964, AA159256, AA165084, AA172216, AA173642, AA192395, AA196123, AA196124, AA232597, AA578009, N83382, N84687, N85451, N85530, N88625, C17207, AA095459, AA247762, AA248680, AA634585, AA775145, T11032</p>
817	HWLWP88	874970	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 361 of</p>	<p>AA148858, AW392670, AL119457, Z99396, AL119324, AW372827, AL119484, AL119319, AL119391, AW363220, AW384394, U46351, AL119355, AL119363, AL119497, AL037205, AL119522, AL119341, AL119483, AL119443, U46349, AL119439, AL119401, U46350, U46347, AL119418, U46341, AL119396, AL134525, AL119335, AL119444, AL119496, AL119399, AL042544, AL134536, U46346, AL043019, AL134533, AL043035, AL042614, AI142132, AL042984, AL042965, AL042975, AL134902, AL134538, U46345, AL042450, AL042542, AL134530, AL134519, AL043029, AL043003, AL042551, AL119464, AR066494, AR060234, A81671, AR054110, AB026436, AR069079</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 361 of</p>	<p>AA127950, AA861271, AW149008, AA694087, AA694410, AA490237, R91259</p>

818	HWLHW1 9	874972	<p>SEQ ID NO:817, b is an integer of 15 to 375, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:817, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1202 of SEQ ID NO:818, b is an integer of 15 to 1216, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:818, and where b is greater than or equal to a + 14.</p>	<p>AI521515, AW007430, AI583392, AA582844, AI446296, AI631292, AW008277, AW338183, AW130700, AI570875, AI610606, AA552696, AI740591, AI610189, AI214229, AI888885, AA715547, AA620385, AA315896, AI433937, AW008101, AW027816, AI346268, AI469394, AA936226, AI144349, AI278723, AA810391, AA315881, AI075026, AI274190, AI720812, AI304499, AW338763, AI819098, AW006673, AA745022, AI582486, AA730313, AA132642, AI358488, AA484064, AI886151, AA649280, AI803746, AW372991, AW372996, AW372997, AW028923, AA484878, AA715142, AA045699, AI682833, AW362691, AW362695, AW362733, AA576885, AI581761, AI918095, AA581843, AW006056, AI572709, AI347151, AA377007, AI431997, U47732, AA135215, AI027644, AI867535, AW363859, AI682856, AA135381, AI581943, AA515581, AI199246, AI590034, AI971090, AI597663, AA730839, AI186415, AI658616, T27588, AA146692, AI735766, AA746669, D25725, AW362673, AI868934, AI919583, AA146691, T10932, AA483386, AA515977, AI873184, AA045698, M35252</p> <p>AW374058, AW374043, W84439, H98077, AA725816, W52869, AI926580, AI185775, AI360440, AI969941, AI718705, AA968470, AW002091, AW008856, AA047544, W67220, W91966, W52870, N47740, AA862294, W67288, AI610753, AA111874, AA471020, AA723203, D80637, W68493, AA625752, AL044614, H77377, H77376, AA745928, W25004, W69103,</p>
819	HNTAI83	874973	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1290 of SEQ ID NO:819, b is an integer of</p>	

820	HWLWS24	874974	15 to 1304, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:819, and where b is greater than or equal to a + 14.	AI127139, AA953939, AA908426, AA743114, W68358, AI913850, AI800072, AA535740, AI417080, N50135, AI439293, AI370639, W69102, AI277179, AI436715, AA883338, AA469058, N92824, AI200997, AA381324, AL044613, W94913, AI567418, AA328028, T81345, AI268678, T81520, AA973639, AA662178, AA662216  AI650267, AI660992, AW450250, AI492051, AA557521, AW292631, AI830321, AI762011, F37656, AC004080, AF032095
821	HWLWP62	874975	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 980 of SEQ ID NO:820, b is an integer of 15 to 994, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:820, and where b is greater than or equal to a + 14.	AA627098
822	HOENV16	874976	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 782 of	AW006474, AI085578, AI671277, AI240723, D59927, D58283, D81030, D59619, D80210, D80240, D80195, D51423, D80219, D51799, D80253, D80188, D80391, D80212, D80227, D80196, D80193, D80043, D80038, D80366, D59889, D59467, D80022, D80045, C15076, D80166, D59275, F13647, T03269, C75259, C14014,

		<p>SEQ ID NO:822, b is an integer of 15 to 796, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:822, and where b is greater than or equal to a + 14.</p>	<p>D80378, D50995, D80134, D59610, D59502, C14429, D80241, D81026, D59859, D51250, D80164, D80949, D80269, D80268, D59787, D57483, D80168, D58253, C14227, D80024, D50979, D81111, C14331, D59695, AA285331, C14298, AI910186, C14389, D80522, D51060, AW178893, AA305409, AI557751, D51079, T11051, T11417, AW177440, AW179328, AW178775, D51022, D80014, AW378532, AW369651, Z21582, AI905856, AW352158, AW377671, D51097, AA305578, D80251, D80248, D80133, AW178762, D52291, AW177501, AW177511, D51213, D80064, D80247, AW360834, D59627, AA514188, C05695, AA514186, AW360811, AW352117, T02974, AW176467, AW378540, AW375405, AW366296, AW360844, AW360817, AW375406, AW378534, D80132, AW179332, AW377672, AW179023, AW178905, AW179220, D58101, AA815045, D80302, AA809122, D80439, AW378539, AW352171, AW377676, AW178906, AW352170, AW177731, AW178907, AW179019, AW179024, AW352163, AW177505, AW360841, AW179020, AW178909, AW177456, C06015, AW179329, D80258, AW178980, AW177733, AW378528, AW178908, AW178754, AW179018, T03116, AW352174, D80157, AW179004, AW178914, AW378525, D58246, AW367967, D51103, AW177728, D51759, AW178774, A62298, A62300, X67155, Y17188, A67220, A84916, A25909, D26022, D34614, X68127, AR025207, AJ132110, A78862, D89785, AR018138, AR064240, D88547, A85396, AB012117, AR066482, A85477, A86792, X82626, U87250, AF135125, I19525, X93549, AF058696, A30438, AR008278, A82595, A44171, A45456, AB028859, Y12724, A94995, AR008443, AB002449, Y17187, AR060385, U79457, S69292, I50126, I50132, I50128, I50133, AR066488, AR016514, A43601, U46128, AR060138, Y09669, A26615, AR052274, I18371, X89963, AR016691, AR016690,</p>
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823	HCRPM57	874977	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 489 of SEQ ID NO:823, b is an integer of 15 to 503, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:823, and where b is greater than or equal to a + 14.</p>	<p>AR008277, AR008281, AC002324, A43190, AR066487, A43192, AR038669, AR066490, AC005553, AR023705, D88507, I18367, D50010, S78798, AR051191, AB033111, I14842, AC005992, AR054175</p> <p>AA825497, AI949225, AI887208, AI859408, AI039943, AI815044, AW173402, AI091417, AA973272, AI983724, AW085235, AA975595, AI955440, Z41491, AI701704, R37093, AI382320, F04902, F01893, AI370501, D51766, D51963, D51659, AI025786, AI359043, AI421512, D51907, AW078803, R01185, AA639573, AI920903, AW338398, AI762115, AA627807, F04223, F04224, AI220947, AA706251, T25385</p>
824	HWLQT35	874978	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 574 of SEQ ID NO:824, b is an integer of 15 to 588, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:824, and where b is greater than or equal to a + 14.</p>	<p>AI356048, W68208, AA428201, T24766, AI024874, AI024852, AW392670, AL119324, AL119457, Z99396, AW372827, AW363220, AW384394, U46349, AL119355, AL119363, AL119319, AL119483, U46351, AL119443, AL134902, AL134536, AL119341, AL119484, AL119391, AL119335, AL119444, AL119497, AL134920, U46341, AL042984, AL042433, AI142131, AL042975, U46350, U46347, AL119464, AL119418, AL119401, AL134527, AL119522, AL042614, AL042965, AL037205, U46346, AL119396, AL119496, U46345, AL042551, AR066494, AR060234, A81671, AR054110, AB026436</p>
825	HTWBQ51	874979	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 951 of SEQ ID NO:825, b is an integer of 15 to 965, where both a and b</p>	<p>AI823763, AA779670, AI818564, AA206016, N71243, AI913349, AI383954, AA989089, AA846832, AA421016, AA406475, N22202, AI016536, W80789, N23413, AA406515, AA406338, AA813757, Z39308, W80896, H05006, H06839, F02715, AA406380, N35200, T17418, F03202, F02873, R50799, R39953, R33488, AW080748, R40705, AI700034, AA121683, R02175, AC007159</p>

826	HWLWS65	874980	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:825, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 440 of SEQ ID NO:826, b is an integer of 15 to 454, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:826, and where b is greater than or equal to a + 14.</p>	<p>AI275140, AI080170, AA872000, AA625899, AA921707, AI336614, AI041296, AA884341, C02010</p>
827	HCRQC24	874981	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 740 of SEQ ID NO:827, b is an integer of 15 to 754, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:827, and where b is greater than or equal to a + 14.</p>	<p>T78662, H19164, AA417995, AA476744, AA450244, AA418054, Z99396, AW392670, AW363220, AW384394, AL119457, AW372827, AL119355, AL119324, U46350, AL119497, AL119319, AL119341, AL119484, AL119363, AL119391, AL119443, U46351, U46349, AL036418, AL038837, AL119483, U46341, AL119522, AL119396, AL037051, AL119335, AL036725, AA631969, AL119496, AL119418, AL042433, U46347, AL119444, AL036858, U46346, AL037205, AL119401, AL134902, AL042614, AL119439, AL134528, U46345, AL042450, AL042965, AL042975, AL134533, AL119399, AL039074, AL036924, AL042984, AL134525, AL134536, AL134538, AL042970, AL042551, AI142131, AL042542, AL042544, AL043033, AL043019, AL038509, AL043029, AL119488, AL037085, AL037094, AL037526, AL043003, AL036196, AL037639, AL036190, AL119464, AL037082, AL036767, AL038520, AL037077, AL036774, AL036268, AL036651, AL038447, AL036998, AL038851, AL036733,</p>

828	HTFNM11	874983	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1423 of SEQ ID NO:828, b is an integer of 15 to 1437, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:828, and where b is greater than or equal to a + 14.</p>	AL037027, AL036679, AL037615, AL036191, AC006322, A81671, AR060234, AR066494, AR023813, AR064707, AR054110, AB026436, AR069079 AW074187, AA669462, AI917911, AW103106, AI355835, AW103377, AW340863, AI559161, AI479340, AW129494, AW148988, AW167281, AW269709, AW261980, AW087962, AI908429, AI923895, AI354339, AI927751, AW089825, AI744249, AW168120, AA868807, AI814764, AI985223, AW151176, AW273772, AA573808, AW029250, AI687458, AW084593, AW152335, AW268696, AW304937, AI635632, AW026080, AA577099, AI554825, AI670005, AI669620, AL046634, AI961413, AI538283, AW150201, AW190158, AW150248, AI457126, AW249579, AI908427, AW117983, AA810194, AW270751, AL036452, AA977560, AI124949, AI680216, AW247016, AA857352, AI982977, AW029202, AI559488, AW376460, AI954479, AI701913, AI632826, AW167333, AI248268, AI446794, AI446060, AW380204, AI349399, AA581982, AI682951, AI252802, AW440362, AW020045, AW008301, AI671051, AI289804, AA665980, AI568322, AW021675, AA173182, AW130142, AI026039, AI434635, AI911309, AI573003, AI446390, AA954930, AI984482, AI374618, AA181983, AI057274, AA179470, N21996, AA226708, AI278679, AI298496, AA446617, AI925510, AA974398, AI273198, AA226709, AA707299, AA121756, AA402954, AI921447, AI073691, AA768758, AI312203, AW392756, W45167, AW104776, AW392749, AA101668, AI359875, AA165148, AA101669, AW005848, AI952630, AI749014, AA643088, AW023539, AA829123, AI312505, AW385916, AW296777, AI307609, AA983206, AA187710, AI476692, AI340572, AA773607,
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	AI475162, AI862249, AI312306, AA526422, AI611983, AA602967, AA565745, AI885883, AA471082, AA056505, AI538718, AA132397, AW250218, AI054028, AI379393, AA398033, AA595292, AA730329, AI539225, AI961507, H47741, AI054071, AI053691, AI907726, T28833, AI907725, AI144057, AA938221, AW195966, AA598758, AA157122, AI160159, T52342, T16507, R20669, AW438650, AI367522, AI371646, AW020791, AI950485, AA525282, AA657470, AA668967, AI886900, AA664947, AA541325, R91274, H65057, AI582554, AI283298, AI289745, AA309510, AA714959, AI719106, AA635306, AA641308, AW439909, AA605255, AI678467, AA593616, N86019, AI200644, AA130709, AA491783, AA778946, AA938342, AA978234, AA730906, AI690374, AA777101, AW361992, AI609456, AI968521, AA422054, AI926010, AA385014, AA760949, R99859, R35455, W44909, AW176675, R66482, AA385422, H29537, AA226711, AI687564, AI904680, AI288169, AW073614, T24019, AA357070, H88800, AW150916, AA464938, AA507259, AA582283, AW148930, AA056391, AA642952, AA621999, AA385393, AA382697, H02438, AA299620, AW089302, AA302011, AA730547, H99801, AI370435, AW270430, AI865172, AA595078, AA485837, AI864237, AA328541, R59743, X15187, Y09136, X76301, U01153, X04850, J03297, AF001631, X90848, AF087988, M29652, S69316, U72620, U95739, U68387, U01145, AF106862, U00763, AC007390, AJ238278, I89947, AL117435, Z82022, A08916, AF146568, A08910, A08909, AF061573, AL137550, AL110225, I03321, I48978, A08913, AF158248, AL078630, Y16645, S78214, AL050108, U35846, AL133560, AL080124, AF067728, AF177767, AF017437, AL049283, AL137560, I89931, AL049452, I49625, AL049466, U67958, AL137271,

	L31396, L31397, AL122110, AF090900, A08912, AF090901, AF090903, AL050116, AF104032, AF078844, AF097996, AF111851, AJ012755, AF113694, AF113019, I33392, AL137521, AF100931, AL133557, AF026124, A03736, AF061943, AL049314, AL117457, A77033, A77035, U42766, AF091084, AJ000937, A58524, A58523, AL050277, X82434, I26207, Y11254, AL133640, E02349, X72889, AL133075, AR011880, AF113690, AL133067, AL133080, AF087943, I48979, AL110221, AL133016, AF113013, AF113677, S68736, AL050149, AL050146, AL122093, X96540, AL137463, AL117583, AL137459, AF125948, AF177401, AF090896, AL133113, AF118094, A65340, A65341, AL050024, AJ242859, AL117460, X93495, AL133072, AF079765, AL049464, AL080060, AF090943, AL137557, X70685, AL137648, AF183393, AL137538, Z37987, AF182215, AF026816, U80742, AL050393, AL133565, AJ006417, M92439, AR038854, AF090934, AL049938, AL117585, AF113676, AL096744, E15569, AL050138, AL137480, Y11587, AF118070, AL110196, AL049430, AF113699, AL049382, I42402, AL137527, X65873, AL133606, AL122123, Y10655, AF119337, E03348, AL122049, AF113689, AL122050, X84990, A93350, E07108, AL137533, AL137294, AL137429, AF162270, AF017152, A12297, AL080159, AL080127, E08631, AL117440, AF113691, X63574, AB019565, AL049300, AF118064, AL137478, AF125949, AL117394, U91329, AL137292, AL110280, AL137283, I09360, AL133093, AF118090, AR059958, AL122098, Y09972, AL080137, AL050092, AL122121, X98834, AC002287, E07361, A93016, AF111112, L19437, AR000496, U39656, AL122111, L30117, Y14314, AL133077, AL133014, T52415, H29629, H40251, H42866, H89024, H93634, N58661, W23630, W35220, W45470, AA243082, AA469426, AA542859, AA564057,

829	HFIUG95	874984	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 959 of SEQ ID NO:829, b is an integer of 15 to 973, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:829, and where b is greater than or equal to a + 14.</p>	<p>AA582806, AA631721, AA665064, AA804747, AA886009, AA879155, AA910665, C03238, AA642881, AA090857, AA485703, AA771820, T25411, T11007, D25940, D25930, T23921, F02372, AI270088, AI540420, AI540744, AI583046</p> <p>AI453137, AW340695, AA055348, R77985, AC007115</p>
830	HSRFC02	874985	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 800 of SEQ ID NO:830, b is an integer of 15 to 814, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:830, and where b is greater than or equal to a + 14.</p>	<p>AL047872, AA406422, AA058677, AA214136, R57531, AI798347, AA213958, D87466</p>
831	HCRPC43	874989	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 597 of SEQ ID NO:831, b is an integer of</p>	<p>AI290782, AI871066, AW137281, AA810408</p>

832	HMSPB24	874990	<p>15 to 611, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:831, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 574 of SEQ ID NO:832, b is an integer of 15 to 588, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:832, and where b is greater than or equal to a + 14.</p>	<p>AW378532, D44721, AA558814, AI114719, AA587516, AA584862, D34614, AC004134, AC007686, AL031289, AL049874, AC004024, AL133353, AC007227, AC005089, AC004895, AC007114, AC003043, AC004019, AC006050, AL132777, AC002094, AL122020, AC005099, AC005972, Z98884, AC005696, AC007216, AC006160, AC000052, U52111, AC005412, AC003010, AL022328, AL024507, AL031650, AC005914, AC004859, L44140, AL034429, AL049776, AF196971, AC006538, AC004242, AC005365, AC005602, AF064861, Z93930, AC005578, AF053356, AL080317, AC005088, AC000025, AC002565, AC004685, AC005876, AC004132, AC003074, AL109628, AC006312, AC022517, U91323, AC004854, AC005785, AC007666, AR000113, AC005519, AC007386, AP000512, AP000252, AL109627, Z84466, AL080243, AC002312, AC004815, AC004929, Z98946, U95090, AF030453, AC005747, A28005, AL139054, AC007055, AC009336, AF001550, AL021155, AC005049</p> <p>N50355</p>
833	HWLWI83	874991	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 422 of SEQ ID NO:833, b is an integer of 15 to 436, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:833, and where b is greater than or equal to a + 14.</p>	

834	HCQB118	874992	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1076 of SEQ ID NO:834, b is an integer of 15 to 1090, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:834, and where b is greater than or equal to a + 14.</p>	AL045919, AA573761, AW188430, AI199276, AI828370, AA704757, AA536162, AI826890, AI889712, AI161261, AI926049, AI379842, AI582837, AI674148, AI300550, AW195939, AI272783, AW197994, AI567539, AA654159, AA171760, AA612729, AA172001, AA468860, T87025, AI308822, AI432499, AI864369, AL045918, AW166813, AI739207, AI286309, R83710, H57265, AA533033, AI497727, AW086291, AC009320, AF024533, AL031289, AC005520, AL022327, Z84497, AC003666, AL031774, AC005829, AC004638, AC002310, AC007216, AC006117, AC004526, AL022238, AL121603, AF205588, U95742, AL022240, U95740, AL117339, AC003101, AC007308, AC004841, AL020997
835	HWMBE49	874993	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 946 of SEQ ID NO:835, b is an integer of 15 to 960, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:835, and where b is greater than or equal to a + 14.</p>	AW242997, AW007803, AI446497, AW339160, AA025386, AW139969, AA043093, AA583505, AI362355, AW005585, AI904496, AA026030, AW362151, AI866565, AI571422, AI537761, E14566, E14558, E14559
836	HCRPH59	874994	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 436 of SEQ ID NO:836, b is an integer of 15 to 450, where both a and b correspond to the positions of</p>	N73791, AA812058, AA565733, AA290629, AI291317, D56402, AA515350, W18186, AI053786, AI758582, AA614010, AA292003, AA564561, AA857296, AI216054, R92404, AA862230, AA297968, AI864260, AI979005, AA663966, AW337454, AI433247, R91232, AI890385, AI859834, T06828, W23546, T90884, N55273, AA584603, AI865213, AA121919, AA774019, AI151407, AA557486, AA318014, AA063139, AA371857, T90696, AA837256, F27999, AI114477,

		nucleotide residues shown in SEQ ID NO:836, and where b is greater than or equal to a + 14.	AA654262, AC006127, AC003101, AC006285, AC004841, AC005911, AL031670, AB023049, Z84466, AC005932, AL050307, AC008372, AC005546, U85195, AF001549, AE000658, AC005037, AC002425, AL035685, Y14768, AC005071, AC004125, AL096701, AC016025, AC005971, AC004526, AP000505, U07000, AL022322, AP000563, AL031846, Z93017, AL035683, AC006571, AC002378, AC005057, AL022476, U62293, AC002301, AC016027, AC005529, AC006251, AC005694, AC006210, AF129756, AC004675, AC004491, AL121653, AC005839, AL035659, AF030453, U47924, AC004382, AL021155, AC004834, AC005519, AC004217, AC006449, AF053356, AC004859, AC016830, AF047825, AC002400, AC005017, AC006132, AF088219, AC004216, AC002073, AC005088, AC004887, AP000350, AC007857, AC004815, AC003108, AP000689, AC007227, AC005081, AL035455, AL021707, Z95115, AC005412, AL031664, AC006509, AL031728, AC000035, AL034451, AC004821, AC002369, AC002477, AL109984, AC009516, AC004253, AL031311, AC005484, AC006965, AC002310, AL035072, AC022517, Z97053, AL022312, AL049872, AJ003147, AC002070, AC006271, AL132712, AL050318, AC005940, U82828, AL049829, AC005914, AC005015, AC005531, AF134726, AC002544, AC005225, AC005500, AC005069, AC005295, Z99716, AC005859, AP000512, AC005921, AC004106, AC005193, AC005695, AP001052, AL117354, AC002565, AP001053, AC004966, AC005231, AC005082, AP000688, AP000503, AL049759, AP000501, AC006511, AC007376, AC006241, AC004938, AC005520, AL109963, AC004602, AL034420, AC005003, AC003104, AC007041, AL031427, AD000092, AL034417, AC005331, AC008101, AC005832, AC002316, AC002558,
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837	HCRPJ86	874995	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1130 of SEQ ID NO:837, b is an integer of 15 to 1144, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:837, and where b is greater than or equal to a + 14.</p>	<p>AL021453, U91326, AL031662, AL031597, AC004707, AC005829, AC005736, AC007055, AC004084, AC005821, AC005527, AC005280, AP000212, AP000134, AL133353, AL080243, Z97054, Z98884, AC005089, AC004882, Z95116, AF196969, AL035249, AC005479, AL139054, AC007263, AC002352, AC006211, AC002395, AC005875, AC004832, AL008726, AP000347, AL031447, Z84484, AC002996, D84394, R50086</p> <p>W20092, AA045214, AI677860, AI143214, AI636820, AA045249, AA491378, AA505146, AA255801, AA978262, R42858, AI221282, AA844031, AA535882, AA256694, AI625350, AI630082, AA913852, N90432, AL031297</p>
838	HCRPH30	874996	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 260 of SEQ ID NO:838, b is an integer of 15 to 274, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:838, and where b is greater than or equal to a + 14.</p>	<p>AI306705, AW169604, AI554821, AW083572, AI961589, AW002362, AI868204, AI612885, AA983883, AI687568, AI345688, AI538116, AI690748, AW078606, AW168503, AI702073, AI470674, AI916419, AW090550, AW193467, N98597, AI648508, AI540382, AI631216, AW090393, AW191844, AI766348, AI590043, AI345612, AI568060, AI670009, AI798608, AI345415, AI932949, AI433157, AI569583, AI866469, H89138, AI434134, AW084869, AI568855, AI758309, AI564765, AI345416, AW087199, AI862144, AI914736, AI690948, AA641818, AI352326, AW102989, AW024793, AI926143, AI470648, AI567612, AI636585, AI584130, AI799674, AI814087, AI619662, AI284035, AI289310,</p>

	AI799189, AA012905, AW152182, AL046466, AW162194, AI270707, AI633125, AI698391, AI538564, AI251221, AI811785, AI915291, AI826225, AW238688, AI475394, AI340982, AI434731, AI889189, AI651045, AI590423, AI354627, AI889323, AI697191, AI589267, AI468959, AI582966, AI241923, AI185767, AI500714, AI862825, AI583032, AI884318, AI638644, AI569975, AW089439, AW090013, AI569579, AI628325, AI520862, AW168663, AI890223, AI597758, AI281867, AW089006, AI659518, AI561356, AI561038, AL040694, AA872507, AI268320, AI564166, AI478639, AI627745, AI273112, AW089572, AI623746, AI699823, AI521005, AI949510, AI812107, AW161202, AI582912, AI702301, AW086082, AL037582, AL046595, AL037602, AI627988, AW022682, AI246319, AW163834, AI811644, AI587156, R41605, AI620866, AW002838, AW079119, AI635038, AI891031, AI921092, AL037030, AW130689, N29277, AW102821, AI832245, AI890507, AI619748, AI423105, AL046618, AI699764, AW059828, AI953817, AI269469, AI887389, AI537960, AI439601, AA056265, AW149026, AW193038, AI554186, AI637833, AI933992, AI540606, AI828412, AI540784, AW189301, AW081298, AI521560, AI702068, AW051088, AI539800, AI348917, AI921254, AL036980, AI309306, AI648408, AW129918, AI866082, AI917145, AI634805, AI635897, AW026087, AW170700, AI539667, AW167918, AI270295, AI471282, AI247193, AI361739, AI583578, AI349957, N29481, R32821, AI956086, AI537408, AI267185, AA814990, AI345005, AI587143, AI868163, AI627896, AI572787, AW081449, AI912477, AI564448, AI591025, AI573167,



	AI559287, AW054931, AI445115, AI799183, AI872423, AI824764, AW104836, AW263804, AI866798, AI683099, AI244148, AW105601, AI452556, AI818204, AI565128, AI917963, AW148895, W74529, AL036925, AI890806, AI349598, AL036664, AW075207, AI349256, AW118382, AI784252, AI277008, AI679321, AI580674, AW193911, AW102902, AI312152, AW198090, C16221, AI343037, AW269097, AI612750, AI961414, AI366900, AI830259, AI955906, AF183393, I89947, AR038854, AF159615, I48978, U58996, AL137558, A08916, A08913, A08912, A08910, A08909, AF153205, AL137476, A08908, S76508, AF115392, Z13966, AL023657, AL137480, I89931, Y10080, AF017790, AF090900, I49625, A52563, AF169154, X63410, AL049464, Z82022, U87620, AL050149, AI8777, AF139986, A15345, AF026816, AL080124, U75932, AL049339, A83556, I89934, U49434, U35846, AL122049, AL133558, AL080126, X82434, S78453, AF111851, AL117460, AF061981, A27171, AF061573, AF107847, AF111849, AL133557, AL049452, AL122100, A08907, AL137292, AL050170, AF115410, AF113019, Y10823, A77033, A77035, E01314, AL110171, Y10655, AF065135, U92068, L31396, U68387, AF015958, AF137367, E02221, L31397, Z97214, AF003737, AL049300, S36676, AF106697, AL050138, AF113691, S77771, I89944, AF026124, AL110225, U80742, AL133113, AL110280, AL050366, I48979, S75997, AF036941, AL117585, AL117394, AL110159, AL080159, X56039, I03321, AF158248, AF146568, AL117435, X72889, AL137276, AL137463, E02914, Y11587, AF051325, AF113699, AL137271, M30514, U57352, AL137656, AL133014, X93495, AL110222, E01573, E02319, A21103, AR020905, AF090934, AF113677, AJ000937, A08911, AL137530, X80340, AL117583, A93350, AL137574,

839	HCRPH54	874997	<p>AL137529, AL050116, AL137533, S68736, AF090896, I32738, X57961, AL050092, AL133619, AL050393, AL137641, AL133665, AL080163, A58524, A58523, AF162270, AL050015, X98066, AL050277, L19437, A07588, AF067728, AL137560, U95114, AL117416, U86379, AL117578, AF061795, AF090903, AF151685, AF125948, AF177401, AL137550, AF106657, AL137665, D83032, AC002467, A08915, AL049324, I80064, X79812, I33392, D89079, AL080074, AL133640, A76335, AL080154, AF000301, AL133075, A90832, AL080140, AL137488, AF000145, AL137479, Y08769, AL110218, I00734, S61953, AF113694, AF100781, I18355, AF017437, AF090943, I34392, AF118070, AF069506, AF141289, X63162, U53505, AL049466, E15324, X84990, S69510, AF205861, AL122045, E00617, E00717, E00778, AL050108, AF016271, AL137658, AF185576, S79832, AL080148, A12297, AF034821, X65873, AL137548, AL137521, AF022363, AF061943, E15569, AL137539, AR068751, AB016226, AL137283, AF113689, S63521, AF118064, AL050024, AL117587, X70685, AL049314, L30117, AL133098, AJ242859, I17767, AL137711, Y09972, E06743, Y14314, S83440, D16301, AL133010, U91329, AF032666, AF057300, AF008439, AF057299</p> <p>AI755214, AI754567, AA773463, AI754105, AW406447, AI366993, AI278972, AW304805, AI984168, AI291439, AW272815, AI537995, AI355246, AI536858, AI130709, AI249688, AA828637, AW272640, AI814682, H73550, AW131356, AW148775, AA634991, AA488746, AI038304, AI674840, F27015, AI634187, AI569100, AA808875, AI499954, H71678, AI859438, AW072963, AA503168, AI623764, AI587583, AI587565, AW192599, AI053978, AA483606, AA489390, AI627917, T74524, AL041924, AW166808, AA483075, AI206841, AA570740, AA702637, T47138, AI004591, AI879951,</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 438 of SEQ ID NO:839, b is an integer of 15 to 452, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:839, and where b is greater than or equal to a + 14.</p>

	AA169245, AA626040, AI078409, AA714011, H91062, AW265688, AL037927, AI205181, AA455483, AI189682, AA488689, AI457313, H05940, AI278130, AI620992, AW191886, AL037910, AW105463, AL045077, AA568204, AI927275, AA714110, AA609834, AI371249, AI080307, AI890971, AA574442, AA642053, AA603413, AW263864, AI687343, H57988, AA601327, AI961983, AI862716, AI254779, AI417469, AA489240, AC005074, AC005057, Z84480, Z83838, AC002425, AL133245, AC006241, AC004531, AL049709, AL021407, AC008044, AL121652, AL109627, AC002347, AC005066, AC005409, AL031432, AC006153, AC007938, AC004801, AC005531, AC006312, AL050343, U96629, AC003042, AC005759, AC005412, AC005632, AC002394, AC002302, AC002472, AL034549, AL049779, AC003101, AL049830, AC016027, AC006236, AC006453, AC016830, AC005228, AP000557, AL031315, AP000689, AC005829, AC004230, AC007263, AC006196, AL049776, AC004682, AL020997, AF196969, AC007919, AP000349, AL121754, AC006121, AC000041, AC006023, AC007308, AC007731, AC007384, AC005500, AL031774, AC004983, AL121603, AL133448, AC005619, AP000113, AP000045, AC005764, AC004771, AC005247, AC005755, AC005920, AC002430, AC005940, AC005225, AC005288, AC007314, AL132987, AC006449, AC004228, AC006211, AC004821, AC005932, AP000694, AL031255, AC004685, AF139813, AC005089, AC007191, L77570, AC005747, AC005046, Z85986, AC005905, AC007055, L78833, AC004148, AC004491, AF003626, AC005971, AC005280, Z83822, AC005488, D87675, AC004792, AP000553, AC007161, AL049780, AF129756, AC005082, AL079342, AL096701, AP000555,

			AC004020, AC004812, AC008134, AC007283, AP000141, AC005837, AC005291, AP000009, AC004760, AL117258, AC007298, AL031680, AL080243, AL020993, AL079340, AC007285, AC001226, AC004605, AC004477, AF050154, AL021391, AC009516, AL031281, AF111168, AC002470, AC006162, AC003025, AC006285, AC002352, AC004819, AL035071, AC004084, L44140, AC003041, AL008729, AC004955, AC007999, AB014079, AC003982, AC005041, AL109952, AL031259, AL021920, AC005102, AF064861, AC004139, AC007845, AC007664, AL035587, AL022318, AL109628, AC004832, AC007325, AC005011, AP000514, AC004678, AL031311, U95740, AL031673, AC009247, AL022323, AC005899, AC004526, AC005567, AC004929, AL034429, AC006237, Z93017, Z93241, AF047825, AC007172, AF165926, AC004236, AP000030, Z86090, AC003962, AF124523, AL022324, AL035457, AC006958, AC006101, AP001053, AC002054, AC005261, AL032821, AC004662, AC006079, AC005911, AL031672, AC006486, AL049694, AL009181, AC008018, AC008132, AL109798, AC002554, AC006511, AC001558, AC006077, AP000066, AC004814, AL022326, AC004590, Z99716, Z46773, U62293, AC004797, AL117694, AL008635, AL133244, AC006120, AL049832, AC006239, AC010200, AC006315, AC004253, AC006115, AC010205, AC016025, Z83826, AC005015, AL008725, U91323, AC003071, AL031003, AC008372, AC006116, AC006530, AC012330, AC006111, AL031984, AF001550, AP000151, AC005537, AL031733, AC005914
840	HCRPH69	874998	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by
			H48009, R79892

841	HWLVX08	874999	<p>the general formula of a-b, where a is any integer between 1 to 475 of SEQ ID NO:840, b is an integer of 15 to 489, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:840, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 450 of SEQ ID NO:841, b is an integer of 15 to 464, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:841, and where b is greater than or equal to a + 14.</p>	AA089855, H30455, AA954657, AA455419	
842	HKLAA30	875001	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 398 of SEQ ID NO:842, b is an integer of 15 to 412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:842, and where b is greater than or equal to a + 14.</p>		
843	HWLVW5 9	875002	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	AA748900, AA283705, H56582, AC007436, AC006581	

844	HWLJN18	875003	<p>the general formula of a-b, where a is any integer between 1 to 551 of SEQ ID NO:843, b is an integer of 15 to 565, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:843, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 557 of SEQ ID NO:844, b is an integer of 15 to 571, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:844, and where b is greater than or equal to a + 14.</p>	M94132, L21998	
845	HCROH01	875004	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 664 of SEQ ID NO:845, b is an integer of 15 to 678, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:845, and where b is greater than or equal to a + 14.</p>	AA564247	
846	HCRPJ81	875005	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	H50674, AC004067	

847	HETGS43	875007	<p>the general formula of a-b, where a is any integer between 1 to 338 of SEQ ID NO:846, b is an integer of 15 to 352, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:846, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 876 of SEQ ID NO:847, b is an integer of 15 to 890, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:847, and where b is greater than or equal to a + 14.</p>	<p>AI884928, AW299727, AW204926, AA933627, AI471959, AI860951, AA648384, AI674548, AW134703, AI817454, AI741288, AI801449, AW207053, AI927200, N70264, AI283846, AI360406, AI969837, AI359870, W57964, W57938, AI471951, AI928115, W79288, AI023464, AI824946, AA242781, AI479588, AI962494, AI246231, AA778582, AI094509, AI248982, AI093921, AA255447, AA242806, AA806316, AA962783, AI086106, AW440004, AI867514, AA143002, R15486, AA256554, AA029757, AA973189, H01787, AA142852, AI277037, AA913805, AA581087, AI991436, AI766737, H01038, AI918290, N90613, AA758159, C00431, AA910879, AI640375, AI536574, AI571966, AW131402, AI553645, AW044561, AI565145, AF114436</p>
848	HWLRS46	875008	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 577 of SEQ ID NO:848, b is an integer of 15 to 591, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:848, and where b is greater than or equal to a + 14.</p>	<p>AW139613, AW297258, AI016456, R96672, AI659051, AA114047, E15820, X16865, X08006, M24499, A20907, X07618, M33388, M33189, X07620, X16866, X07619, U38218, X58468, X58467, M33387, AL021878, D29822, X68481, X68013, AB008784, AB008785, AB031864, M22331, AB008424, J02868, Y16417, AB008425, U48219, U48220, AF221525, AB031863, AB004268, D17397, AB008422, M22328, X52029, X52028, M16654, J02867, AB031866, AB031865, M22329, J02869, M25143, AB008423, U20088, M22330, M27168, M23998, U21486, M23997, M16655, U20087, X52030, X52027, M24267, AF020345, M24264</p>

849	HWLRS57	875009	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 434 of SEQ ID NO:849, b is an integer of 15 to 448, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:849, and where b is greater than or equal to a + 14.</p>	<p>AW182141, AI580971, AA912442</p>
850	HUSJO81	875011	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 522 of SEQ ID NO:850, b is an integer of 15 to 536, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:850, and where b is greater than or equal to a + 14.</p>	<p>AA887099, AA811742, AA527224, AA664284, AA315189, AA579403, AA846897, AI191233, W74477, AA846202, AA502502, AA314045, AA491654, AI707878, AA471090, AA397403, AA469287, AA507237, AI187101, AI332339, AA740204, AA747396, AA569585, F33217, AA654805, AA652514, AI879915, AA315986, AA525507, AA962834, AW020084, AA843742, AI969937, AA721769, AA729169, AA810361, AA843123, AA730331, W79076, AI334127, AA501492, AA493224, AW131319, AI185103, F32833, F25780, AI417031, AW081520, AW206794, AA516066, AA888378, AA102467, AL036301, W78097, AI355759, AA730608, AA657526, AI034125, AI433771, AI352442, AA993338, AI884979, AA569691, W79152, T27891, AA622677, AI708173, F30746, AA308473, AA843127, AA631879, AA243966, F33379, AA522595, AI817632, F24361, AI193696, AA244028, AA873154, AI735569, AA730517, F32900, AA747465, AA603382, AA649606, F20380, F32901, AA978146, F33416, F20454, AI422591, AA730660, AI290773, F25407, F33089, AI041257, AA888718, F33284, AA469367, AI762793, AI051903, AW022287, AA701472, AA614516, AA894458, R48278, AI749215, AA092308, AA384856,</p>



			AA661946, F24070, AA541339, AA527626, R67767, F28009, AA740414, F21192, W02119, AA952978, F24293, N49678, F24612, AA527023, AA661512, F26558, AA541405, AI370965, AA995994, F34656, F18978, AI784087, AA325055, F26390, F37173, F35326, H88230, AI382368, F26165, AA890396, AA888357, AA522939, AA888273, AA385626, AI914990, AA662042, AA491592, AA649785, AA316500, F29972, F35844, H88231, AA639235, F31361, R48379, AA385380, AA729429, F28993, F24793, AA934536, AA559163, F29465, F35400, AA886837, F35383, AA658963, AI601217, F24186, AA664743, AA923674, N49780, F26281, AA933765, W32580, AA557502, AI919403, AA725198, AA580198, F29893, F35017, F26112, F29998, N88323, AA321318, AA999841, AA888348, AA887167, AA369038, F26491, AA355062, AA355061, F23510, T57396, F33201, AA523070, AA888349, AA363191, R96395, D20270, AI140448, T57332, AI383931, AA372960, F33956, AI735315, AA365118, F25283, F31096, N76644, AI000851, R57767, AA701577, AA680408, AI708904, AA701566, R96352, F26735, AW103366, T79616, AA705672, AI597752, AW150141, AA973003, AA659871, AA093673, H68818, T73331, AI473263, T73398, H54271, T79701, AA548584, H54272, F23543, N88025, AA659382, F36460, AA093536, N54563, N84370, AA327776, F30219, AA996251, AI391584, F30193, M22348, M26700, M26704, M26730, M26707, M26701, M26706, M37387 AA757114, AA758166, AA758973, AP000077, AC005011
851	HCRPF66	875017	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 369 of SEQ ID NO:851, b is an integer of

852	HRMAF73	875018	<p>15 to 383, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:851, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 630 of SEQ ID NO:852, b is an integer of 15 to 644, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:852, and where b is greater than or equal to a + 14.</p>	D62892, D62760, D79755, AW444744, AW235233
853	HMSMR90	875019	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 513 of SEQ ID NO:853, b is an integer of 15 to 527, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:853, and where b is greater than or equal to a + 14.</p>	AA159605, AA805580, AA832269, AI955931, AI457764, AA908777, AI004292, AA953966, AA729173, AA525169, N67334, AA911328, AW172745, AL134840, AL135047, AI630932, AI469715, AF126488
854	HWLQM6 6	875020	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 499 of SEQ ID NO:854, b is an integer of</p>	AI949749, AW290908, AI459004, N33144, AA380990

855	HCRON47	875024	<p>15 to 513, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:854, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 420 of SEQ ID NO:855, b is an integer of 15 to 434, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:855, and where b is greater than or equal to a + 14.</p>		
856	HWLRV45	875025	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1418 of SEQ ID NO:856, b is an integer of 15 to 1432, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:856, and where b is greater than or equal to a + 14.</p>	<p>AW016290, AW016291, AA429425, AI333326, AI368826, AI809630, AA428368, AI078821, AI949540, AI393461, AI039446, AI239582, H06842, F03182, H06841, C02196, W23702, AI571625</p>	
857	HFGAB06	875027	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1126 of SEQ ID NO:857, b is an integer of</p>	<p>AW090205, AI690739, AI167504, AI140900, AI247649, AA010938, AI246303, AI554171, W01195, H93654, R98292, R98052, M78334, AF057036</p>	

858	HWLVA35	875029	<p>15 to 1140, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:857, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 518 of SEQ ID NO:858, b is an integer of 15 to 532, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:858, and where b is greater than or equal to a + 14.</p>	<p>AI935827, AW407220, AI720141, AA533138, AI934307, AA669840, AI246796, AI298710, AA311535, AI690379, AA599712, AI860423, AW275432, AI984168, AW270768, AI761677, AA581463, AW191886, AI064864, AA661583, AI291037, AA135761, AW270619, AA525753, C14614, AA502103, AA669238, AA904275, AW272815, AI038990, AI224583, AW419201, AA804726, AI798521, AI803809, AW272389, AW131001, W04238, AA584765, AA581903, AI150934, AL040054, AI004591, AA365586, AI696793, AA657835, AI609984, AI291268, AI291124, AL043719, AI379719, AW277196, AA653291, AI791659, AI797998, AI471481, AA655005, AL046409, AI028510, AW157005, AI571094, AW029038, AI915081, AA595661, H90845, AI587583, AI587565, AI610012, AL036282, AW008184, AA491814, AW020094, AA644090, AI039257, AI061313, AW151247, F02412, AI083998, AA992126, AA584493, AI609974, AL041894, AW074022, AW021399, AW151761, AI446464, AW162049, AA610381, AA425924, AW342042, AI929531, AF015416, AF190465, AC005102, AL021707, AC003667, AC004966, AP000116, AL009181, AC002477, Z83840, AB023048, Z96074, Z93017, AC005180, AP000309, AC005225, AL031321, AC003043, Z86090, AC004000, AC004797, AL049712, AC005399, AP000697, AC006125, AC004448, AL008726, AC005527, AC007151, AC004841, AC002996, AC006101, AC003070, AL096791, AC004263, AC007676, AL022326, AC005250, AC005703, AL033392,</p>
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	AP000048, AP000501, AC006953, AJ011930, AL022327, AL035587, U78027, AC009516, AC005913, AL133448, AC004150, AL031602, AD000092, AC005529, AL0233575, AC005358, AC006241, AL121603, AP000947, Z97876, AC006449, L78810, AC006254, AC006966, AC007225, Z82176, AC003102, AC005776, AC005484, AC018769, AC018767, U91321, AC005696, AC002316, AC007842, AC005839, AP001054, AC005940, AL031774, AC005971, AL021918, AC005740, AP000326, U52111, AC002073, AL049757, AC016026, AC004856, AC005921, U85195, AC004910, AL022320, AC008134, AL117329, AP000356, AL035086, AC005081, AL121655, AL023882, U52112, AC005048, AC004254, AL008718, AL109798, AC006597, AP000054, AP000169, Z98752, AC005668, AC016027, Z98051, AC005207, AE000658, AL035684, AC005251, AP000556, AC005632, AC005280, AC006530, AC005778, AC002563, AC007057, AC005841, AC004821, Z82195, AC005914, AC006121, AL117258, AC002312, AC002314, AC005082, AC006251, AD000812, AC018633, AL031311, AP000557, AC006441, AP000692, AC008018, AC007546, AL049874, AC002126, AF165926, Z95113, AC009247, AC005808, AL022237, X62355, AL033527, AC004854, AL049776, AC005031, AC004531, AC004814, AL049636, AP000552, U91326, AL049766, AC005015, AL022238, AC005412, AC006001, AC004963, AC007536, AF196779, AC007051, AP000502, AC004895, AC004922, AP000122, Z99943, AC006211, AP000500, AC010077, AC002544, AC016830, AC004913, AC004950, AP001068, AC007919, AC006511, AC004655, AL035659, AL022336, AC008085, AC005244, AC002504, Z93244, AC004835, AC004882, AC005553, AC016831, AF001548, AC006137, AL136295, AC003042, AL021808, AC005924, AC004084,

859	HCRPQ86	875032	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 377 of SEQ ID NO:859, b is an integer of 15 to 391, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:859, and where b is greater than or equal to a + 14.</p>	<p>AC005701, Z97056, AL049830, AL031427, U80017, AC007688, AC020663, AL049794, AC004466, AC004659, AC007686, AC005899, AC004815, AL035400, D87675, AC005361, AL031255, AC003685, AL035681, AC003665, AC006539, AC006076, AC007510, AL031447, AC005566, Z83822, AL035072, AC006468, AC005215, AL117339, AP000353, AC002546, AP000518, AC005874, AF134471, AC005191, AF207550, AC006132, AL035420, AF109907, AL133312, AL034549, AC004890, Z98950, AC005520, AP000348, AC007381, AC004804, AL021393, AC008101, D25754 AB014528</p>
860	HCROZ20	875034	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:860, b is an integer of 15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:860, and where b is greater than or equal to a + 14.</p>	<p>AA631915, AI590404, AA632355, H47461, AI821342, AI798521, AI049999, AI003068, AI860423, AI342863, T03613, AI003391, AI350189, W02419, AI434103, AI076729, AA828840, C75332, AI813920, AI884404, AI828721, AA551548, AA630476, AA157876, AI039257, AI285493, AI567676, T10218, AW021674, AI572680, AA814719, AA598608, AW403177, AW440495, AW023975, H86399, AA468458, AI281622, AI183392, AW021847, AA197089, AA636077, AW131394, AA748071, AI571094, T03928, AI570067, AI242236, AA167656, AI744963, AI167715, AI280566, AI889177, AI312614,</p>

	AI254267, AA330549, AI370470, AA507623, AA847341, AW151848, R33588, AA937402, AW239465, AA694596, AI520984, AA019793, AI049845, AA558402, AA558716, AA129000, AI251024, AA470490, AL047405, AA135761, AW028376, M77888, AI733523, AI065031, T34066, N49298, AA493245, AA299221, AW272513, AI423034, AI419419, AA152398, AA493546, AI215720, AI376687, AA663579, AI860648, AI590111, AA629668, AI640905, AI708108, AI623364, AW152451, AA594090, F35684, H63173, AI221027, AA640104, W58735, AA587835, AA773560, W45215, AA533660, AA425283, AI446574, AA127048, AA126969, AA984891, AA635150, AI002861, AA523718, AI803824, AI802268, AI031759, AA084439, AI345256, AA362670, AI285651, N35135, AA595661, AI754926, AI753131, AI819419, AW020612, AA525156, AA467740, AI267285, AA600863, AI275631, AI354377, AW149241, AI749823, AI926876, AI143653, AL138262, AA127021, AW238242, AI702049, AI003474, AA046906, H29593, AI445699, AW157128, AI358505, AW069769, AF111167, AL132992, AL009179, AC002350, AC004999, AL034420, AC005575, AC005041, AP000133, AP000211, AC005632, AL035086, AC004887, AL035587, AC005821, AC005225, AC007055, AC003098, AC005920, AL031287, AL035089, AC004041, AC005105, AC005913, AL031670, AL080243, AC007686, AC003007, AP000556, AP000557, AC006285, AC006312, AC005071, AL137100, AL020997, AC006530, AC002430, AC004756, AC006468, AL121658, AC009516, AC007384, AC005015, AC005037, AC003013, AC007207, AC005033, AB023049, L47222, L44140, AP001053, AF052041, AJ011930, AF200465, AL009181, AC007227, AL034548, AC006057,

	AC004967, AC005514, Z85987, AC005695, AF095725, AC004386, AL049780, AC005089, AD000092, AC005480, AC006544, AC006539, AL031622, AL031296, K00650, AP000514, AC004263, AC008372, Z93017, AC005971, AC004783, L47229, U07561, AC002310, AF045555, AC005031, AL096791, AF019413, Z83820, AL021579, AC003080, Z85986, AL031767, AC003689, AC005972, AC004890, AC005562, L47227, AC005488, Z98044, AC004242, AC002558, AC004125, AP000512, Z92542, AC005412, AL021707, AC009399, AL049562, AC005914, AC005244, AC006511, AL049776, AL022163, AF053356, L81394, AC009247, AC000025, AC006013, Z96182, AL139054, AE000658, L47223, AC005837, AL033376, AL031432, AL022322, Z83844, AL079342, AC004804, AC004997, Z93241, Z96074, Z93023, U62317, AC002312, AC006139, AC005726, AL031848, AC005102, U85195, AC005911, AC006600, AC004812, AC004024, AC005585, AF001549, AC003684, AC004605, AL109984, AC005753, AL021546, AC005841, AC006441, AP000563, Z73420, U65896, Z95329, AC007066, AC007263, U80017, AL022476, Z82182, AP000289, AC005300, AC002316, AL049759, AC005081, AC005231, AL031281, AP000042, AP000110, AC005372, AF191214, AC006077, AB014079, AC002468, AP000555, AP000689, U62292, AL024474, AC003086, AC004851, AC002464, AC004844, AL035466, AC002110, AL022336, AL031121, AC009248, Z97056, AL049869, AC006014, AC007298, AC002306, AL096801, AC005058, AC006160, AF111169, AC002105, AL008716, AP000348, AC006958, AC006211, AC005907, AC002477, AB017602, AC005703, AC004183, AC006466, AC004534, AL110280, AC006261, AC006255, AL021878, AC004771, AL034421, AC001231, AP000553, AC004025, AC003037,



861	HFPKD18	875035	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 650 of SEQ ID NO:861, b is an integer of 15 to 664, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:861, and where b is greater than or equal to a + 14.</p>	<p>AL049694, AC001228, Z83846, AP000359, AC006137, AD000812, AC010205, AL022162, Z92544, U96629, AC005256, AC007277, AC003982, AL136130, AF075069, AC005899, AL031685, AC005754, AL022311, AL080239, AC005871</p> <p>AW051333, AA622259, AA554795, AA991784, AW025872, AI858715, AA181808, W42832, AI684307, AI634803, AA251829, AA262291, AA565240, AI309202, W42742, AW169519, AI376261, D63093, AI911554, AF132963, AF088034</p>
862	HCROSS9	875036	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 789 of SEQ ID NO:862, b is an integer of 15 to 803, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:862, and where b is greater than or equal to a + 14.</p>	<p>AA056144, AA057099, AA058794</p>
863	HCROR65	875037	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 619 of SEQ ID NO:863, b is an integer of</p>	<p>AI655430, AI867415, AI341310, AW365679, AA300470</p>

864	HZAAD77	875038	<p>15 to 633, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:863, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 493 of SEQ ID NO:864, b is an integer of 15 to 507, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:864, and where b is greater than or equal to a + 14.</p>	<p>N52760, AI128899, AI768926, AI744603, AI564516, AI088130, AI091999, AI126743, AI440521, AI309616, AI091062, AA505739, W58101, AI659933, AA703194, AW243135, W95022, AI633095, AA911079, AA935333, W93338, AA455097, AA894538, AA455075, N94437, AI094481, AI040514, N57581, AI674591, AI185938, AI340225, AI340227, AI375245, AI247839, R42767, H93246, AI830468, H93118, AA938302, AI140721, H87458, AI468684, AI268066, AW177625, AI032772, AA699860, AW449815, AA835970, AA211073, AA738097, AL042853, AI821062, AA653459, AL042753, AL049003, AI242505, AL138455, AL035847, W79740, AI640370, AI261589, AL120307, AI619665, AW089495, AI890887, AW243619, AA766268, AI687568, AL042440, AI493858, AL110402, AI684762, AI360195, AL047763, AI954721, AI673236, AI370322, AI440444, AI559752, AI539545, AI582871, AI570389, AA857969, AI677797, AL036638, AI089811, AI648699, AI471898, AI491842, AI499570, AW160916, AI584118, AW188390, AW029457, AI872072, AI580694, AI619691, AW148882, AI926593, AI628214, AI866573, AI446829, AW166561, AW104767, AI801536, AI918677, AI686690, AW026618, AI890051, AI590830, AI401697, AI355277, AW406745, AI804842, AI554283, AI572019, AI689096, AI886055, AI539541, AI885905, AI690813, AW089844, AI829977, AI648684, AI937869, AI610671, AL040528, AI452857, AI537516, AI434731, AW151451, AL040449,</p>
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865	HCRPA12	875042	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 290 of SEQ ID NO:865, b is an integer of 15 to 304, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:865, and where b is greater than or equal to a + 14.</p>	<p>AI224373, AI624475, AI590423, AW149219, AW084896, AI610318, AA587120, AL042694, AI590468, AI673140, AI628325, AW152195, AI784230, AA937566, AI539260, AI963212, AI274527, AI696583, AW105588, AI356470, AW021662, AI434656, AI565172, AI758942, AI345253, AF162270, AC006203, D83989, AC004213, AC000052, AC005902, AC006115, AP000130, AP000208, AP000247, AL031281, AC005156, AC002472, AL096776, AL035407, AL032822, AC004383, AC018767, L30117, AC006288, L78810, Z83840, AC006112, AC010077, AC009501, AL049557, AL035587, AC006336, AL021393, AC005886, AC002464, AC004989, AC007114, AL033521, AC006013, AC005411, AC004686, AC002564, AC004987, AC006501, AP000344, AL031274, AC005968, AL021391, AL034417, AF042090, AP000020, Z49258, AC007172, AC004837, AC007056, AC004485, AC009233, AC005291, Z98036, AL080239, U66059, AC004690, AC002531, AC000053, AC005048, U95739, AC005057, AP000458, AC007390, AL122021, AL079340, AL022147, AL030998, AL031295, AC004822, AC006222, AC009286, U89335, AC007392, AC007298, AC006371, AC002060, AC002086</p>
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866	HMEKZ86	875044	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1697 of SEQ ID NO:866, b is an integer of 15 to 1711, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:866, and where b is greater than or equal to a + 14.</p>	<p>AI379902, AI693726, N32566, AA994526, AW001744, AA629877, AI684883, AI052478, AI042114, AI080764, AA873011, N41907, W1500, AA993164, AI806284, AW241737, N89990, AA775897, AI381270, AA731618, AW450940, W19733, AI224466, AW183232</p>
867	HCRPR27	875045	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:867, b is an integer of 15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:867, and where b is greater than or equal to a + 14.</p>	<p>AA393556, AA985381, AA757760, R25555, AA448483, F07499, AA526749, AI278605, AI344371, AI276855, AF002223, AL096711, AL109758, AL031599, AP000696, AC005908, AC007051, AC007919, AF069291, AF117829, AC002067, AC004413, AL023655, AC006296, AC006952, AC006249, AC008929, AC007677, AC007363, AC002457, AC006559, AC005518, AC007395, Z82201, AC006036, AF130342, AL050317, AC005048, AF027598, AC004079, AC005477, AC005045, AL021939, AC004998, Z82899, AC004087, Z68273, AL021069, AL109854, AP000694, AL034451, AC004659, AC009294, AC005015, AC011362, AL023713</p>
868	HCRPQ46	875046	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 308 of SEQ ID NO:868, b is an integer of 15 to 322, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:868, and where b is greater than</p>	<p>AC007429</p>

869	HCRPN09	875047	<p>or equal to <math>a + 14</math>.          Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 223 of SEQ ID NO:869, b is an integer of 15 to 237, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:869, and where b is greater than or equal to <math>a + 14</math>.</p>	Z93783	
870	HCRPK03	875048	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 509 of SEQ ID NO:870, b is an integer of 15 to 523, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:870, and where b is greater than or equal to <math>a + 14</math>.</p>	N63026, N63032	
871	HWLHY62	875049	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1158 of SEQ ID NO:871, b is an integer of 15 to 1172, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:871, and where b is greater than</p>	AW006935, AI304347, AI262522, N57535, AW006958, AW004749, F09394, Z41221, AI469565, AI261949, M79264, AI355473, AA345119, AA627647, AA594377, AI686451, AB018258	

872	H2CBP44	875053	<p>or equal to <math>a + 14</math>.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 497 of SEQ ID NO:872, b is an integer of 15 to 511, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:872, and where b is greater than or equal to <math>a + 14</math>.</p>	AA307892, AA327751
873	HCROW75	875055	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 450 of SEQ ID NO:873, b is an integer of 15 to 464, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:873, and where b is greater than or equal to <math>a + 14</math>.</p>	AC000065
874	HCROW65	875056	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 74 of SEQ ID NO:874, b is an integer of 15 to 88, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:874, and where b is greater than</p>	

875	HPICF45	875058	<p>or equal to <math>a + 14</math>.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 603 of SEQ ID NO:875, <math>b</math> is an integer of 15 to 617, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:875, and where <math>b</math> is greater than or equal to <math>a + 14</math>.</p>	AI052728, AA807217, AA907054, AA213896
876	HCRON87	875059	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 281 of SEQ ID NO:876, <math>b</math> is an integer of 15 to 295, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:876, and where <math>b</math> is greater than or equal to <math>a + 14</math>.</p>	
877	HIBEL82	875060	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 638 of SEQ ID NO:877, <math>b</math> is an integer of 15 to 652, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:877, and where <math>b</math> is greater than</p>	H17282, AA351584, T80482, AF070610

878	HCRPE83	875061	<p>or equal to <math>a + 14</math>.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 417 of SEQ ID NO:878, <math>b</math> is an integer of 15 to 431, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:878, and where <math>b</math> is greater than or equal to <math>a + 14</math>.</p>	<p>AI024672, AA679591, AI248626, AA887646, AF061056, AF084644, AF084645, AJ009937, AJ009936</p>
879	HWLUQ22	875062	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 356 of SEQ ID NO:879, <math>b</math> is an integer of 15 to 370, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:879, and where <math>b</math> is greater than or equal to <math>a + 14</math>.</p>	
880	HCRPE63	875063	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 312 of SEQ ID NO:880, <math>b</math> is an integer of 15 to 326, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:880, and where <math>b</math> is greater than</p>	



881	HCRPE76	875066	<p>or equal to <math>a + 14</math>.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1301 of SEQ ID NO:881, b is an integer of 15 to 1315, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:881, and where b is greater than or equal to <math>a + 14</math>.</p>	<p>AW247760, H50138, AW368519, AA034259, AW246118, H49747, AW386985, AA325542, N79882, AA188766, W03099, AW206894, N72410, AA312511, AI880128, AI376296, AI075368, AA630709, AI769052, AA465622, AA536173, F27400, F37312, AA054418, AI124662, R19514, AF195951, X53744</p>
882	HCRPE44	875067	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 974 of SEQ ID NO:882, b is an integer of 15 to 988, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:882, and where b is greater than or equal to <math>a + 14</math>.</p>	<p>R24767, W23171</p>
883	HCRPE34	875068	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 426 of SEQ ID NO:883, b is an integer of 15 to 440, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:883, and where b is greater than</p>	

884	HE8QV20	875070	<p>or equal to <math>a + 14</math>.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 477 of SEQ ID NO:884, b is an integer of 15 to 491, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:884, and where b is greater than or equal to <math>a + 14</math>.</p>	<p>AA047308, R14147, AF089107, AF151354, AF104923, AF118270, AF156489, AC004851, AR048209</p>
885	HBIBQ89	875076	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 851 of SEQ ID NO:885, b is an integer of 15 to 865, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:885, and where b is greater than or equal to <math>a + 14</math>.</p>	<p>AA399613, F11248, Z42117, AA082253, F05395, T35421, AB007925</p>
886	HFAAD07	875080	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 992 of SEQ ID NO:886, b is an integer of 15 to 1006, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:886, and where b is greater than</p>	<p>AI887753, AI702451, AA548464, AI978680, AA071156, AA191693, AI797896, AI826052, AA041342, T62575, AW014334, AA197202, AI084270, AW375498, AA188647, AA602203, H20737, H10377, T63199, R71297, AI829554, T62541, AI659397, R40856, AI868867, AI810306, T62616, AA602213, AI701277, AI221666, AA070862, AA860281, AA191265, D25992, AW363933, AI217112, AA528408, AI633390, AI199435, AB029036, AJ132948, AF119043, AL035410</p>

887	H2LAY41	875081	<p>or equal to <math>a + 14</math>.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 588 of SEQ ID NO:887, b is an integer of 15 to 602, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:887, and where b is greater than or equal to <math>a + 14</math>.</p>	AA315818, AA369878, AA191232, D58283, D80043, C14331, D80022, D59610, D59859, D80188, D80166, D80195, D50979, D81030, D51423, D59619, D80210, D51799, D80391, D80164, D59275, D80240, D80253, D59787, D80227, D59502, D80212, C14389, D80196, D80219, D59467, D57483, D59927, D80269, D80241, D80366, D80038, C15076, D59889, D80193, D50995, D80024, AA305409, C14429, D80378, D80045, T03269, AW178893, D51060, C75259, C14014, D51022, AW179328, AW178775, D80134, D80522, D52291, D81026, AW177440, AA305578, AW378532, D51250, AW352158, F13647, AW369651, D80168, D80251, D58253, D80248, AW178762, AA514188, C14227, Z21582, D81111, D80133, C14407, AW177501, AI910186, AW177511, AA514186, AW360811, C14298, D80064, AW378540, AI905856, C05695, AW352117, AW176467, AW375405, D80132, AW377671, D80268, AW366296, AW360844, AW360817, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, AW179024, D80247, AA285331, AW360834, D51097, AW352170, AW179020, D80302, AW177456, AW352171, AW377676, D80439, AI557751, AW178906, AW177731, AW177505, AW178907, AW178754, AW179019, D59373, T11417, AW178980, AW360841, AW178909, AW179004, AW179329, AW179012, AW177733, AW378528, AW179007, AW178908, AW179018, AW178971, AW179220, AW177714, AW352174, C14077, AW178914, AW378525, D51103, AW367967, D80014, D80157, AW177722, AW178983, AW177728, D51759, AW352120, AW179009, AW178774, AW178781, AW178911, AW378543, AW352163, D58246, T03116, D59503, T48593, C06015, D58101, D59627, D80258, AI557774, AW177723, D59653, H67866, D45260, C14975, AI535850, T02974, AW378533, AW378539, C03092,
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				AA809122, AW367950, D51213, AW178986, D51231, H67854, AW177508, D60010, AW177497, AI525923, C14344, AW177734, D45273, AI525917, D59317, C14973, AI525235, D51221, D59474, C14046, AI535961, C14957, AI525920, AA514184, AI535686, D59551, AI525227, C16955, H67858, D60214, T03048, AW179013, AW178759, Z33452, AI525912, AI525242, AW378542, AI525925, AI525215, C05763, AI525222, Y15908, Y15909, AJ132110, A62300, A84916, A62298, AR018138, X67155, Y17188, D26022, A25909, A67220, D89785, A78862, D34614, AF058696, AR008278, AB028859, D88547, X82626, AR025207, Y12724, AB012117, Z86061, AR066482, A82595, X68127, A94995, A85396, AR060385, A44171, AB002449, AR008443, A85477, I19525, A86792, AR016808, U87250, X93549, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, Y09669, A43192, A43190, AR038669, AR066490, AR066487, AR054175, A30438, I18367, D88507, I14842, D50010, Y17187, AF135125, A70867, A63261, AR008277, AR008281, AR008408, AR062872, AR016691, AR016690, U46128, D13509, AB033111, A64136, A68321, AR060133, I79511, AR064240, U87247, AB023656, U79457, AF123263, AR032065, X93535, AR008382
888	HDPIG12	875088	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 786 of SEQ ID NO:888, b is an integer of 15 to 800, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	W22252, T23206, AL031673, AL049942

889	HMVCZ67	875092	<p>NO:888, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 373 of SEQ ID NO:889, b is an integer of 15 to 387, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:889, and where b is greater than or equal to a + 14.</p>		
890	HWLRF06	875093	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 371 of SEQ ID NO:890, b is an integer of 15 to 385, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:890, and where b is greater than or equal to a + 14.</p>	D63997	
891	HTNB190	875094	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 434 of SEQ ID NO:891, b is an integer of 15 to 448, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA385073, AL042522, AL042491, AC005498, AC007228, AC004696</p>	

892	HWLUZ75	875099	<p>NO:891, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 322 of SEQ ID NO:892, b is an integer of 15 to 336, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:892, and where b is greater than or equal to a + 14.</p>	AL119376, AL119432, AL119400
893	HDTBD43	875100	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1541 of SEQ ID NO:893, b is an integer of 15 to 1555, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:893, and where b is greater than or equal to a + 14.</p>	<p>AI125852, AW242884, AA287541, AI861888, AW273349, AI653868, AI291447, AI273656, AA259012, AA768384, AW168996, AA971763, H98861, AI673304, AA812179, AA768837, AI969035, R70005, AW194279, AW194169, AA811579, AA224362, AA502756, AI824504, AI698788, AW016752, AI669850, AW087456, AA326934, AA326933, AA361600, AC006291, AC005188, AF028722</p>
894	HWLUG07	875101	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 729 of SEQ ID NO:894, b is an integer of 15 to 743, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA768384, AI861888, AI291447, AI653868, AW273349, AI273656, AW242884, AW168996, AA971763, AI673304, R70005, AA768837, AI969035, AA812179, AW194169, AA287541, AA811579, AA224362, AA502756, AI824504, AW016752, AI698788, AI669850, AA361600, AL119457, AL119399, AL119324, AL042968, AL042973, AL119443, U46341, AW392670, AW372827, Z99396, AL134920, AW363220, AW384394, U46349, AL119444, AL042965, AL119363, AL119319, U46351, AL119497,</p>

895	HCRPV30	875102	<p>NO:894, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 144 of SEQ ID NO:895, b is an integer of 15 to 158, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:895, and where b is greater than or equal to a + 14.</p>	<p>AL042850, U46350, AL119464, AL119483, AL119484, AL119341, AL119391, AL119355, AA224099, U46347, AL119496, AL119418, U46346, AL042978, AL119335, AL037205, AL119522, AL119396, AL119439, AL134528, AL134518, AL079687, AF028722, AR060234, AC005188, A81671, AR066494, AC006291, AB026436, AR054110, AR069079</p>
896	HTPHV54	875103	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 319 of SEQ ID NO:896, b is an integer of 15 to 333, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:896, and where b is greater than or equal to a + 14.</p>	AI910846
897	HWLMY3 0	875105	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	AI393962

898	HTTFJ81	875106	is any integer between 1 to 682 of SEQ ID NO:897, b is an integer of 15 to 696, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:897, and where b is greater than or equal to a + 14.	R12155, AC005971	
899	HDPCC41	875110	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 436 of SEQ ID NO:898, b is an integer of 15 to 450, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:898, and where b is greater than or equal to a + 14.	AA639560, Z57050	
900	HINAA28	875113	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	AW089799, AI338829, AI382007, AI084708, AI382947, T19791, AL044125, AL134524, AL041347, AL040193, AL043496, AL044162, AL041324, AL043538, AL040621, AL041098, AL047012, AL040463, AL047219, AL047170, AL040322,	



901	HTEBS63	875114	<p>is any integer between 1 to 741 of SEQ ID NO:900, b is an integer of 15 to 755, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:900, and where b is greater than or equal to a + 14.</p>	AL041133, AL041238, AL040625, AL040510, AL040119, AL043467, AL044186, AL044037, AL040617, AL045684, AL043677, AL040839, AL041752, AL043492, AL041602, AL037436, AL038838, AL041168, AL044074, AL041635, AL040294, AL041730, AL041523, AL043627, AL037443, AL041374, AL043845, AL044064, AL044272, AL038983, AL043923, AL043814, AL043848, AL037435, AL041459, AL043570, AL037343, AL040052, AL041577, AL046850, AL038532, AL040768, AL037727, AL044258, AL040464, AL046994, AL047183, AL046914, AL047057, AI142134, AL046442, AL045328, AL037335, AL042898, AL039316, AL047163, AL045671, AL046392, AL040472, AI547295, AL079852, AL043941, AL037295, AL048714, AL045327, AI318479, D29033, AR064707, AR066494, A93923
902	HCROK18	875115	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 645 of SEQ ID NO:901, b is an integer of 15 to 659, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:901, and where b is greater than or equal to a + 14.</p>	H66884, W52415, H66877
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 583 of</p>	AA593112, AI695197, AI744009, AC004132

903	HCROK31	875118	SEQ ID NO:902, b is an integer of 15 to 597, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:902, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 305 of SEQ ID NO:903, b is an integer of 15 to 319, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:903, and where b is greater than or equal to a + 14.	AL022328	
904	HCROE24	875121	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 639 of SEQ ID NO:904, b is an integer of 15 to 653, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:904, and where b is greater than or equal to a + 14.	T85431	
905	H2CBN19	875123	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 713 of	AI801795, AA307808, AW028846, AI620590, AW088677, AA741431, X51698, AR019336, U47289, X97790, U47292, X97793, X97791, U47290, U47291, X97792, AR019344, AR019345	

			SEQ ID NO:905, b is an integer of 15 to 727, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:905, and where b is greater than or equal to a + 14.	
906	HDTLM04	875124	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 764 of SEQ ID NO:906, b is an integer of 15 to 778, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:906, and where b is greater than or equal to a + 14.	N54214, M85613, AB001633
907	HOCTE49	875125	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 555 of SEQ ID NO:907, b is an integer of 15 to 569, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:907, and where b is greater than or equal to a + 14.	AA743462, AW029490, AI309109, AI990569, AI969654, AI791482, AI732527, AA506672, AI732529, AA506404, AI791315, AI791317, AI886055, AI783569, AW151136, AL039011, AI872423, AI678446, AI344826, AI345415, AW194014, AW022636, AI933992, AI571699, AI565172, AI473451, AW055252, AI961589, AI631216, AW163834, AI638644, AL041734, AI345347, AW071417, AW089844, AA814451, AI648699, AI620639, AW089275, AW129979, AW084097, AI364639, R20540, AI434242, AI333104, AW166937, AI679550, AW082532, AI699020, AA743430, AI873638, AW023338, AA908294, AI696583, AI421662, AI580027, AI918554, AI147292, AA225339, N25033, AI368579, AA830609, AI627714, AW409862, AI950729, T66952, N22276, AW409931, AI307557, AI345612, R65859, H89138, AI345416, AI439452, AI677797, AL045421,

	AI925164, N75779, AL121454, AI580674, AW162194, AI345688, AA916133, AI689614, AI917252, AI445611, AW169634, AI633061, AI439978, AI866691, AL138406, AI863665, AA580663, AI690813, AI583578, AL037558, AI566430, AI538885, AI698391, AW129264, AI240602, AW265004, AL040558, AI890391, AI539462, AW166583, AI567302, AW163554, AI538085, AW081383, H42557, AI270039, AI348777, AW023859, AW327325, AI572096, AI627893, AI274508, R39624, AI335426, AW083572, AI309306, AI586931, AL047756, AW170773, AI784028, AI128239, AI590134, AW058233, AI799540, AI884318, AI630928, AI349742, AL041150, AI690411, AI273899, AW161892, AW008085, AI349958, F37409, R75918, AL038716, AW083168, AI927233, AI267185, AI254731, AI590415, AI865880, AI869377, AA494167, AI274655, AI699211, AI446721, AW105087, AA504514, AW054939, AI590624, AI634467, AI114703, AW080076, AW080700, AA765656, AI610714, AI365256, AI819522, AA999906, AI890507, AI345417, AI470717, R41605, AI368691, AW366372, AW084353, AW073994, AW080326, AI653402, AL119791, AW166861, AA983883, AI610645, AW161202, AI491904, AI658566, AL036705, AI468872, AA761557, AL036187, AI888665, F34030, AW090387, AI251221, AW169213, AI469270, AI433611, AW023871, AI434731, N27632, AA769697, AI561177, AI918376, AI620864, AI584130, AI955945, AA808175, AI250646, AI684244, AL135517, AI284131, AI952145, AI830187, AI538850, AI345608, AW168700, AW025279, AL120307, H41759, AI370623, AW081866, AL036673, AI890628, AI382313, AI564749, AI338427, AI079226, AI446536, AA835966, AI539260, AW085370, AW044367,

	AW050725, AI566399, AI095003, AI355779, AI925680, AI440239, W38553, AI653829, AI378123, AI566670, AI144071, AI889953, AI699823, AI282930, AI802542, AI583567, AI740623, AW029457, AI345471, AI656270, AI679266, AF154840, Z49258, AF145233, AB007812, AL137478, AF114170, AF061573, AF067728, AF008439, AL133067, AF017437, U72621, E01314, AC002471, I89947, AL117587, AF146568, S53987, AL117432, AF032666, I66342, AL137550, AL117435, AF076464, X63162, AF118090, AL080074, X72889, AR020905, AF057300, U57352, AF057299, AL137527, AL078602, AL080124, AL137271, M86826, AF047716, AL133062, AF113689, AL122106, AF082324, AL117394, U76419, AL137538, AF169154, A07588, AJ238278, AL117460, M27260, AL133014, U42766, Z97214, X99257, AF179633, S77771, AL078630, X66862, AF055917, AR038854, A18777, Y11587, A77033, A77035, AF026124, Y09972, AF030513, AR034821, AL133565, X83508, AF113690, AJ131955, I48978, S82852, A08913, AF016271, A52563, E01614, E13364, AF107847, AC004227, AF067790, AF100931, AF082526, L13297, D44497, AL137258, AL080139, AL049452, A08912, AL137267, A21103, A08910, A08911, A08907, AF113019, I89931, A08909, A86558, AL034400, AL080159, AF176651, AF112208, AF094480, AF124728, S83440, AL133010, E02221, AL137292, AL133560, I49625, S75997, A08908, AL035458, U90884, E12580, AL137533, S69407, S76508, AJ001838, AL050277, AL133640, AL034417, AF182215, AL133665, AF115410, E12747, I89934, AL117648, AL122110, X82434, A57389, X79812, A65341, AF038847, D89079, X70685, Z82022, I17544, AF106697, AF126488, Z37987, AL110221, AL117578, S68736, AL096728, X67813, AF102578, AJ012755, X96540, U49908, U88966, AF113694,

908	HWLN78	875126	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 364 of SEQ ID NO:908, b is an integer of 15 to 378, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:908, and where b is greater than or equal to a + 14.</p>	<p>AL049996, Y10823, Y13350, AL137530, I03321, AF015958, AJ005690, AC006571, AF162270, AL035587, AC004822, AL133088, AF017152, AF036268, AL117440, U49434, AF044323, AF002672, X00861, AL137476, AR068466, A15345, I79595, AF002985, Y10655, AF100781, S36676, AL133080, A27171, AL137665, Y00093, AR053103, X76228, AF118094, AL109672, A65340, AL049382, AL080154, AP000133, AP000030, AR059958, E15324, AC005048, AF158248, U73682, AL137656, AL137273, U78525, AL122121, AL133112, AL050366, AR011880, A70386, S61953, E03348, AF065135, E03349, AF030165, AF069506, AL117416, X52128, AP000250, E12579, AL122045, AF199027, AL050143, AL122118, AL080126, AL137641, AL137548, AL110280, AF061943, S78214, AC004200, AF013214, X54971, AL133054, AF111851, AL110296, AB025103, X89102, AL137536, AL137711, AL137558, AL137547, AF042090, X93328, AL050138, AL080129, AF201468, U77594, I89944, AF077051</p>
909	HCEDD96	875131	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AI733227, AA947235, AC007501</p> <p>AA195203, AW205958, N31717, AA195232, AI341353, AW139706, AI698676, AI093230, AI123522, AI656594, AI208758, AA975916, AI264922, AI089224, AA256604, H24039, AA989452, AW205941,</p>

			the general formula of a-b, where a is any integer between 1 to 679 of SEQ ID NO:909, b is an integer of 15 to 693, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:909, and where b is greater than or equal to a + 14.	N39147, R95955, AW105059, AA659637
910	HHFHS96	875133	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 357 of SEQ ID NO:910, b is an integer of 15 to 371, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:910, and where b is greater than or equal to a + 14.	H63042, AW245524, AW163472, N83553
911	HWLNO90	875134	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 670 of SEQ ID NO:911, b is an integer of 15 to 684, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:911, and where b is greater than or equal to a + 14.	AW022580, AA174155
912	HE2IO22	875139	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	